

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Placed

Card Indexed

I W R for State or Fee Land

Checked by Chief

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed

Location Inspected

OW _____ WW _____ TA _____

Boat released

GW _____ OS _____ PA _____

State of Fee Land

LOGS FILED

Driller's Log _____

Electric Logs (No.) _____

E _____ I _____ E-I _____ GR _____ GR-N _____ Micro _____

Lat _____ Mi-L _____ Sonic _____ Others _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL ☒ DEEPEN ☐ PLUG BACK ☐b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR

CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR

P. O. BOX 749, DENVER, COLORADO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface

1333' FWL & 1337' FSL

NE SW

At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

APPROXIMATELY 15 MILES SE OF OURAY, UTAH

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any) 1333' FWL

16. NO. OF ACRES IN LEASE

648.44

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 3145'

19. PROPOSED DEPTH

6700'

17. NO. OF ACRES ASSIGNED*

TO THIS WELL
324.38

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5073' Ungr. Gr.

22. APPROX. DATE WORK WILL START*

August 1, 1980

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	43.5#	200'	125 sacks
7-7/8"	4-1/2"	11.6#	6700'	Circulate cement back to surface.

Fresh water aquifers will be protected when the long string is run and cement is circulated to surface.

SEE ATTACHED SUPPLEMENTS FOR FURTHER INFORMATION:

- (1) 10-Point Program
- (2) BOP Schematic
- (3) 13-Point Program
- (4) Plats
- (5) Gas Well Production Hookup

APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING

DATE: 7-1-80

BY: M. J. MinderRECEIVED
JUN 30 1980DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

C. A. Hansen

TITLE Drilling Engineer

DATE June 23, 1980

(This space for Federal or State office use)

PERMIT NO.

43-047-30740

APPROVAL DATE

7/1/80

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

** FILE NOTATIONS **

DATE: July 1, 1980
Operator: ~~COASTAL OIL & GAS~~
Well No: ~~CLG Exploration, Inc.~~
Location: Sec. 3 T. 10S R. 21E County: Uintah
File Prepared: ☐ Entered on N.I.D.: ☒
Card Indexed: ☐ Completion Sheet: ☐
☒ API Number 43-047-30740

CHECKED BY:

Geological Engineer: _____

Petroleum Engineer: M.J. Minder 7-1-80

Director: OK on Unit boundary spacing

APPROVAL LETTER:

Bond Required: ☐ Survey Plat Required: ☐
Order No. _____ O.K. Rule C-3 ☐
Rule C-3(c), Topographic Exception/company owns or controls acreage
within a 660' radius of proposed site ☐
Lease Designation 3rd Unit Plotted on Map ☒

Approval Letter Written ☒

Wtm

*Unit
approval*

*WJ
PR*

July 1, 1980

CIG Exploration, Inc.
P.O. Box 749
Denver, Colorado 80201

Re: Well No. NBU #25-34-9-22, Sec. 34, T. 9S, R. 22E., Uintah County, Utah
Well No. NBB #27-33-9-22, Sec. 33, T. 9S, R. 22E., Uintah County, Utah
Well No. NBU #28-35-9-21, Sec. 35, T. 9S, R. 21E., Uintah County, Utah
Well No. NBU #40-3-10-21, Sec. 3, T. 10S, R. 21E., Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas wells is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API numbers assigned to these wells are #25-34-9-22: 43-047-30737;
#27-33-9-22: 43-047-30738; #28-35-9-21: 43-047-30739; #40-3-10-21: 43-047-30740.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Michael T. Minder
Petroleum Engineer

/btm

cc: USGS
Donald Prince

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas ☒ well ☐ other ☐

2. NAME OF OPERATOR
Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR
P. O. Box 749, Denver, Co. 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1333' FWL & 1337' FSL
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>

(other) Proposed Gas Well Production Hookup

5. LEASE
U-0149078

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
Natural Buttes Unit

8. FARM OR LEASE NAME
Natural Buttes

9. WELL NO.
CIGE 40-3-10-21

10. FIELD OR WILDCAT NAME
Natural Buttes Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 3-T10S-R21E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43-047-30740

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5073' Ungr. Gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SUPPLEMENT TO APPLICATION FOR PERMIT TO DRILL

- (1) PROPOSED GAS WELL PRODUCTION HOOKUP
- (A) TYPICAL WELL HEAD INSTALLATION
- (B) TYPICAL MAIN LINES AND PIPE ANCHOR DETAIL
- (2) PROPOSED PIPELINE MAP
- (3) PROPOSED ROAD AND FLOW LINE AND PIPELINE RIGHT OF WAY

FOR ON-SITE CONTACT: IRA K. McCLANAHAN AT (303) 473-2300

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

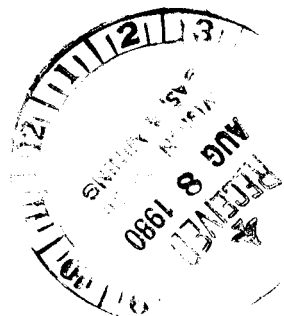
18. I hereby certify that the foregoing is true and correct

SIGNED F. R. Midkiff TITLE PRODUCTION SUPERINTENDENT DATE August 5, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



Statement for permit to lay flow line, to be included with application for drilling permit:

Upon approval of all concerned regulatory agencies, CIG proposes to install a surface flow line from CIGE #40-3-10-21 in a southeasterly direction through the SW/4 of Section 3 and the NE/4 of Section 10, connecting to Line F111-8" in the NE/4 of Section 10, all in 10S-21E. The line will be approximately 3,300' long as shown on the attached sketches.

Pipe will be 4-1/2" O.D. x .125" W.T., Grade "B." It will be butt-welded in place using portable electric welding machines and will be laid above-ground except where burial is necessary for road crossing, ditches, or other obstructions. Magnesium anodes will be installed at the dehydrator, meter setting, road crossings, underground piping at stream crossings, and at producer's separator for corrosion protection.

CIG will connect to producer's separator and install dehydration and metering facilities within 100' of the connection.

Some damage will be incurred by trucks transporting pipe and welding equipment over the pipeline route, but surface disturbance will be held to a minimum.

ESTIMATE SKETCH

DATE: 6-16-80

STARTING DATE: _____

EST. COMP. DATE: _____

☐ COMPANY

☒ CONTRACT

☒ COLORADO INTERSTATE GAS COMPANY



W O NO.: _____

REVISION NO.: _____

BUDGET NO.: _____

RELATED DWG.: 115F4-1E

LOCATION: C SW SEC-3-10S-21E

COUNTY: Uintah STATE: Utah

DESCRIPTION OF WORK: _____

CONNECT C16E #40-3-10-21

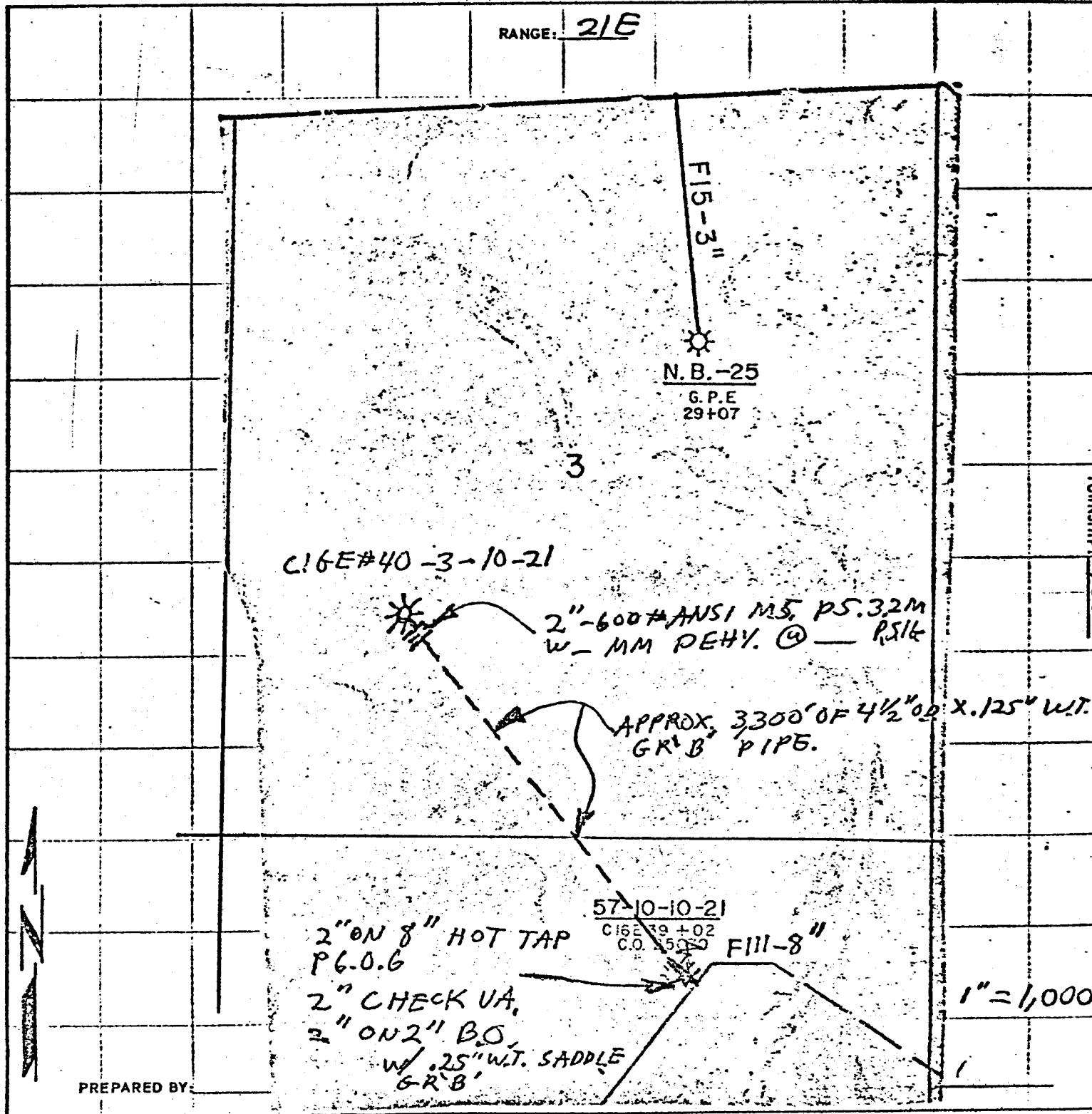
Natural Buttes

REQUESTED BY: _____

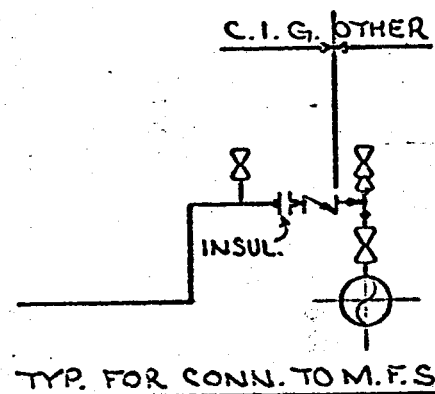
APPROXIMATE MILEAGE: _____

PROJECT ENGINEER: JFK

RANGE: 21E



Freehand sketch of location of proposed installation to be constructed or retired showing relative location of existing facilities in area.



1	23858	REVISE STARTING POINT	8-22-77	RWP	CR				
NO.	C O. NO.	DESCRIPTION	DATE	BY	CHK.			APPR.	

TYPICAL CONNECTION TO MAIN
LINES AND PIPE ANCHOR
DETAIL - NATURAL BUTTES FIELD
JUNTA COUNTY, UTAH

SCALE: NONE	DRAWN: RWP	APP: <i>MM</i>
DATE: 7-7-77	CHECK: <i>MM</i>	C.O. 23853

115FP-1 1/2

tm 9-30-80

Oil and Gas Drilling

EA # 532-80

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

Usual Environmental Analysis

Date: September 29, 1980

Operator: CIG Exploration, Inc. Project or Well Name and No.: 40-3-10-21
Location: 1333' FWL & 1337' FSL Sec.: 3 T.: 10S R.: 21 E
County: Uintah State: Utah Field/Unit: Natural Buttes
Lease No.: U-0149078 Permit No.:

Joint Field Inspection Date: August 1, 1980

Prepared By: Greg Darlington

Field Inspection Participants, Titles and Organizations:

Greg Darlington	USGS-Vernal, Utah
Ron Rogers	BLM-Vernal, Utah
Larry England	BLM-Vernal, Utah
Don Shull	CIG Exploration, Inc.*
Floyd Murray	D. E. Casada Construction

*Currently in the process of becoming Coastal Oil and Gas Corporation

Related Environmental Analyses and References:

Unit Resource Analysis, Seep Ridge Planning Unit, BLM, Vernal

tm 9-30-80

*Admin Council?
Paid 190 x 375
P# 75 x 175
7/10 mi x 30' new accn
3 3/1000
PL incl P92 8.
→ O.D. Seep
→ Land 9/1/80
194 1-4*

DISCRIPTION OF PROPOSED ACTION

Proposed Action:

1. Location State: Utah

County: Uintah

1333' FWL, 1337' FSL, NE 1/4 SW 1/4

Section 3, T. 10S, R 21E, SLB & M.

2. Surface Ownership Location: Public

Access Road: Public

Status of

Reclamation Agreements: Adequate with the incorporation of BLM's requested stipulations with the APD.

3. Dates APD Filed: June 30, 1980

APD Technically Complete: July 21, 1980

APD Administratively Complete: *Sept. 16, 1980*

4. Project Time Frame

Starting Date: Upon Approval

Duration of Drilling activities: 21 days.

A period of 30 to 60 days is normally necessary to complete a well for production if hydrocarbons are discovered. If a dry hole is drilled, recontouring and reseeding would normally occur within one year; revegetation or restoration may take several years. If the well is a producer, an indefinite period of time would occur between completion and rehabilitation.

5. Related actions of other federal or state agencies and Indian tribes:

None known


6. Nearby pending actions which may affect or be affected by the proposed action:

None known

7. Status of variance requests:

None known

The following elements of the proposed action would/could result in environmental impacts:

1. A drill pad about 190' wide x 375' long and a reserve pit 75' x 175' would be constructed. Approximately .7 miles of new access road, averaging 18' driving surface, would be constructed from a maintained road. 3.5 acres of disturbed surface would be associated with the project. Maximum disturbed width of access road would be limited to 30 feet.
2. Drilling-Would be to a proposed depth of 6700 feet.
3. Waste disposal
4. Traffic
5. Water requirements
6. Completion
7. Production
8. Transportation of hydrocarbons-A pipeline with an 18' Right-of-way in a SE direction approximately 3300' long to an existing line in the NW/4 NE/4 Section 10, T. 10S., R. 21E. will be built. Pipe will be 4 1/2" O.D.X. 125 W.T. Grade "B". Appropriate maps and well head installation diagrams are attached to the APD. 
9. Other.

Details of the proposed action are described in the Application for Permit to Drill.

Environmental Considerations of the Proposed Action:

Regional Setting/Topography: The location is in a relatively scarcely vegetated part of the Natural Buttes Unit characterized by low hills and numerous small drainages.

PARAMETER

A. Geology

1. Other Local Mineral Resources to be Protected: Oil shale is anticipated in the Green River Formation at about 2050 feet. Gilsonite veins may also be present.

Information Source: Mineral Evaluation Report.

2. Hazards:

- a. Land Stability: Adequate for proposed project.

Information Source: Field Observation.

- b. Subsidence: Some limited subsidence may occur with the withdrawal and development of the hydrocarbon resources involved. Very little if any subsidence would happen during drilling.

Information Source: Field Observation

- c. Seismicity: The location is in an area of minor seismic risk.

Information Source: Geologic Atlas of the Rocky Mountain Region.

- d. High Pressure Zones/Blowout Prevention: No abnormal pressures are anticipated. BOP equipment is described in the APD.

Information Source: Application for permit to drill.

B. Soils:

1. Soil Character: The soil is a sandy clay with a considerable accumulation of shale and conglomeritic rock fragments and gravels.

Information Source: Field Observation

2. Erosion/Sedimentation: The area is subject to low rainfall, limited wind erosion and a very rocky type of soil. Impacts are likely to be quite limited.

Information Source: Field Observation

- C. Air Quality: Temporary impacts would occur during construction and drilling.

Information Source: Field Observation

- D. Noise Levels: Temporary impacts would occur during construction and drilling.

Information Source: Field Observation.

E. Water Resources

1. Hydrologic Character

- a. Surface Waters: The location drains North then Northwest to Cottonwood Wash then proceeds to the White River.

Information Source: Application for permit to drill.

b. Ground Waters: Fresh water is possible in the Uintah foundation down to about 500 feet.

Information Source: Mineral Evaluation Report

2. Water Quality

a. Surface Waters: Limited rainfall and distance to surface waters tend to minimize potential impacts to surface water quality.

Information Source: Field Observation

b. Ground Waters: The APD describes a csing program to minimize impacts to underground quifers.

Information Source. Application for permit to drill

F. Flora and Fauna

1. Endangered and Threatened Species Determination

Based on the informal comments received from the BLM on September 29, 1980, we determine that there would be no effect on endangered and threatened species and their critical habitat.

2. Flora: The location has scattered greasewood, rabbitbrush, shad scale and some native grasses for its predominant vegetation.

Information Source: Field Observation

3. Fauna: Mule deer, antelope, coyotes, rabbits, small rodents and birds such as raptors, finches, ground sparrows, magpies, crows and jays.

Information Source: APD

G. Land Uses

1. General: Grazing domestic livestock and oil and gas development.

Information Source: APD

2. Affected Floodplains and/or Wetlands: None.

Information Source: Field Observation.

3. Roadless/Wilderness Area: Not Applicable

Information source: BLM, Utah Wilderness Inventory, August 1979

H. Aesthetics: There would be limited impacts in this barren part of the Natural Buttes.

Information Source: Field Observation.

I. Socioeconomics: Limited with one well. Further development and further impacts may arise from this action if production is successfully established.

Information Source: Field Observation

J Cultural Resources Determination: Based on the formal comments received from the BLM on September 29, 1980, we determine that there would be no effect on cultural resources subject to a verbal report from the archaeologist on September 26, 1980.

Information Source: BLM Stipulation Letter

K. Other: None.

Information Source:

L. Adequacy of Restoration Plans: Adequate with the incorporation of the requested BLM stipulations into the APD plans.

Information Source: APD and BLM stipulation letters.

Alternatives to the Proposed Action:

1. Disapproving the proposed action or no action - If the proposed action is denied, no action would occur, the existing environment would remain in its present state, the lessee/operator would not realize any return on investments and the public would be denied a potential energy source.
2. Approving the project with the recommended stipulations - Under federal oil and gas leasing provisions, the Geological Survey has a responsibility to approve mineral development if the environmental consequences are not too severe or irreversible. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and Surface Management Agency supervision. Environmental impacts would be significantly mitigated.

Adverse Environmental Effects:

1. If approved as proposed:
 - a. About 3.5 acres of vegetation would be removed, increasing and accelerating erosion potential.
 - b. Pollution of groundwater systems ^{could} would occur with the introduction of drilling fluids into the aquifer(s). The potential for interaquifer leakage and lost circulation is ever-present, depending on the casing program.
 - c. Minor air pollution would be induced on a temporary basis due to exhaust emissions from rig engines and support traffic.
 - d. The potential for fires, leaks, spills of gas and oil or water exists.

e. During construction and drilling phases of the operation, noise and dust levels would increase.

f. Distractions from aesthetics during the lifetime of the project would exist.

g. Erosion from the site would eventually be carried as sediment in the White River. The potential for pollution to the Cottonwood Wash would exist through leaks and spills.

h. If hydrocarbons would be discovered and produced, further development of the area could be expected to occur, which would result in the extraction of irreplaceable resource, and further negative environmental impacts. These impacts include the cumulative loss of wildlife habitat due to the areas necessary for roads, pipelines, drillsites, and transmission lines. These actions may disrupt wildlife social behavior and force habitat relocation over an extended period of time. In addition, the cumulative effects of non-point erosion become substantial in a developing field, primarily those located near perennial streams where siltation and sedimentation are critical to aquatic life cycles.

2. Conditional Approval:

All adverse impacts described in section one above would occur.

Recommended Approval Conditions:

Drilling should be allowed, provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator:

1. See attached Lease Stipulations. *None*
2. See attached BLM Stipulations.
3. The Mining and Mineral Evaluation Reports request appropriate logs for the identification and protection of oil shale resources be furnished to the Mining Supervisor and District Geologist.
4. The Mining Supervisor should be informed if any Gilsonite veins are encountered.

Controversial Issues and Conservation Division Response:

None are evident at present.

We have considered the proposed action in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

Determination:

I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102 (2)(C).

E. L. Sweeney District Engr
Signature & Title of Approving Official

9/30/80
Date



Northwest View
CIGE 40-3-10-21

8/1

FROM: : DISTRICT GEOLOGIST, E, SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-0149078

OPERATOR: CIG Exploration Inc.

WELL NO. CIGE 40-3-10-2

LOCATION: SW $\frac{1}{2}$ NE $\frac{1}{2}$ SW $\frac{1}{2}$ sec. 3, T. 10S, R. 21E, SLM

Uintah County, Utah

1. Stratigraphy: projected tops appear reasonable:

Uinta Fm - surface
Green River Fm - 1400'
Wasatch - 4650'

2. Fresh Water:

possible in the Uinta Fm. down to 500'.

3. Leasable Minerals:

- Oil Shale - Green River Fm, mahogany ledge (20 soft)
- Gileonite - in veins

4. Additional Logs Needed:

run suite throughout the Green River Fm. to identify and protect oil shale.

5. Potential Geologic Hazards:

none anticipated

6. References and Remarks:

Cashion's maps, 1968 & 1973

Signature: Joseph Incardine

Date: 7-15-80

C.I.G. EXPLORATION, INC.

13 Point Surface Use Plan

for

Well Location

C.I.G.E. #40-3-10-21

Section 3, T10S, R21E, S.L.B. & M.

Uintah County, Utah

C.I.G. EXPLORATION, INC.
C.I.G.E. #40-3-10-21
Section 3, T10S, R21E, S.L.B. & M.

1. EXISTING ROADS

See attached Topographic Maps "A" & "B".

To reach C.I.G. EXPLORATION, INC. Well Location C.I.G.E. #40-3-10-21, located in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 3, T10S, R21E, S.L.B. & M., Uintah County, Utah:

Proceed Westerly out of Vernal, Utah along U.S. Highway 40, 14 miles to its junction with Utah State Highway 209 to the South; proceed Southerly along this Highway 7 miles more or less to its junction with Utah State Highway 88 to the South; proceed Southerly along this Highway 10 miles to Ouray, Utah; proceed on South along a county road known as the Seep Ridge Road 11.5 miles to its junction with an improved dirt county road to the East known as the Bitter Creek Road; proceed in an Easterly direction along this road 4.6 miles to its junction with a dirt gas field service road to the Northeast; proceed in a Notheastlery direction along this road 2.8 miles to its junction with the planned access road to be discussed in Item #2.

The highways mentioned above are bituminous surfaced roads to Ouray, Utah and are maintained by state road crews.

The county road known as the Seep Ridge Road is surfaced with native asphalt for \pm 4 miles and is then a gravel surface road. The county road known as the Bitter Creek Road is also a gravel surface road. Both of the above described county roads are maintained by county road crews and will require no further maintenance. The dirt gas field roads described above are dirt surfaced roads that were built out of the native materials of the area which were accumulated during their constructions. These materials consist of light borwn sandy clay materials with some poorly graded gravels. These gas field roads will be maintained by C.I.G. Exploration or its subcontractors, this maintenance will consist of some minor grader work to smooth road grades and for snow removal.

There is no anticipated construction on any portion of the above described road. They will meet the necessary standerds required to facilitate an orderly flow of traffic during the drilling phase, completion phase and production phase of this well at such time that production is established.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned access road leaves the existing road described in Item #1 in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ Section 3, T10S, R21 E S.L.B. & M. and proceeds in a Westerly direction 0.7 miles to the proposed location site.

2. PLANNED ACCESS ROAD -cont..

This proposed road contours along a relatively flat terrain to the proposed location site.

The grade along this road will be relatively level. The maximum grade along this road will not exceed 8%. The vegetation along this road consists of sagebrush and grasses with large areas devoid of any vegetation.

This proposed access road will be an 18' crown (9' either side of the centerline) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

Back slopes along the cut areas of the road will be 1½ to 1 slopes and terraced.

This road will be centerline flagged prior to the commencement of construction. This road will be constructed out of the native materials which will be accumulated during its construction.

It is not anticipated at this time that there will be any turnouts required along this road, however if at the time of the onsite inspection, it is determined that one is necessary, then it will be constructed according to the specifications for turnout installation in the Oil & Gas Surface Operating Manual.

There are no fences encountered along this access road, there will be no gates or cattleguards required.

3. LOCATION OF EXISTING WELLS

There are 4 existing producing gas wells within a one-mile radius of this location site. (See Topographic Map "B" for the location of these wells relative to the proposed location site).

There are no water wells, abandoned wells, temporarily abandoned wells, drilling wells, injection wells monitoring or observation wells for other resources within a one-mile radius of this location site.

4. LOCATION OF EXISTING AND PROPOSED FACILITIES

At the present time there are existing facilities belonging to Gas Producing Enterprises, which is a subsidiary of C.I.G. Exploration, within a one-mile radius of this location site. These facilities consist of some small storage tanks for containment of fuels and some production. There are also large gas trunk lines and some smaller laterals. There is also one pump station located approximately 1.1 miles Northeast of the location site. (See Topographic Map "B" for the approximate location of these existing facilities).

4. LOCATION OF EXISTING AND PROPOSED FACILITIES -cont...

In the event production is established at this location the production will be contained within the location site until a gas line can be run from this location to existing lines in the area. The exact location of this line is not known at this time. Detailed plans for this line will be submitted to the appropriate agencies before construction begins, showing the approximate final location of the facilities.

All areas used to contain these production facilities will be built out of the native materials accumulated during their construction. These facilities will be constructed using graders, bulldozers, and workman crews to construct and place the proposed facilities.

The proposed gas flow line will be an 18' Right-of-Way which will run in a Northeasterly direction approximately 5808' to an existing pumping station located in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 34, T9S, R21E, S.L.B. & M. (See Topographic Map "B").

If there is any deviation from the above, then all appropriate agencies will be notified.

5. LOCATION OF AND TYPE OF WATER SUPPLY

Water to be used in the drilling of this well will be hauled from the White River at a point in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 17, T9S, R22E, S.L.B. & M. This water will be hauled by truck over existing roads approximately 4.5 miles to the location site.

In the event the above source cannot be improvised other arrangements will be made and all concerned agencies will be notified. All permits and necessary requirements will be strictly adhered to.

- There will be no water well drilled at this location site.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional roads, gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

The native materials that will be used in the construction of this location site and access road will consist of a sandy-clay soil and sandstone and shale materials gathered in actual construction of the road and location.

7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet.

A reserve pit will be constructed.

The reserve pit will be 8' deep and one-half of the depth will be below the surface of the existing ground.

One-half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one-half will be used to store non-flammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

If deemed necessary by the agencies concerned, to prevent contamination to surrounding areas, the reserve pits will be lined with a gel.

The pits will have wire and overhead flagging installed at such time as deemed necessary to protect the water fowl, wildlife, and domestic animals.

At the onset of drilling, the reserve pit will be fenced on three sides and at the time the drilling activities are completed, it will be fenced on the fourth side and allowed to dry completely prior to the time that backfilling and reclamation activities are attempted.

When the reserve pit dries and the reclamation activities commence, the pits will be covered with a minimum of four feet of soil and all requirements of Item #10 will be followed.

A portable trash basket will be placed on the location site and all trash will be hauled to the nearest Sanitary Landfill.

A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site.

C:I.G. EXPLORATION, INC.
C.I.G.E. #40-2-10-21
Section 3, T10S, R21E, S.L.B. & M.

9. WELL SITE LAYOUT - cont...

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type material necessary to make them safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet and Item #9). When all drilling and production activities have been completed, the location site will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area.

Any drainages re-routed during the construction activities shall be restored to their original line of flow as near as possible. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash basket shall be hauled to the nearest sanitary landfill.

Restoration activities shall begin within 90 days after completion of the wells. Once restoration activities have begun, they shall be completed within 30 days.

When restoration activities have been completed, the location site shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner, and in strict conformity with the above mentioned Items #7 & #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A").

The area slopes from the rim of the Book Cliff Mountains to the South to the White River to the North, and is a portion of the Roan Plateau. The area is interlaced with numerous canyons and ridges which are extremely steep with numerous ledges formed in sandstones, conglomerates, and shale deposits.

The majority of the washes and streams in the area are non-perennial in nature with the only one in the area having a year round flow being the White River to the East, of which the numerous washes, draws and non-perennial streams are tributaries of.

C.I.G EXPLORATION, INC.
C.I.G.E. # 40-3-10-21
Section 3, T10S, R21E, S.L.B. & M.

11. OTHER INFORMATION - cont...

The majority of surrounding drainages are of a non-perennial nature with normal flow limited to the early spring run-off and extremely rare heavy thunderstorms or rainstorms of high intensity that lasts over an extended period of time and are extremely rare in nature as the normal annual precipitation is only 8".

All drainages in the immediate area are non-perennial streams and flow to the North and are tributaries to the White River.

The soils of this semi-arid area are of the Uintah Formation and Duchesne River Formation (The Fluvial Sandstone and Mudstone) from the Eocene Epoch and Quaternary Epoch (Gravels surfaces) and the visible geologic structure consists of light brownish-gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels and shales with outcrops of rock (sandstone, mudstone, conglomerates, and shales.).

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevation of the Uintah Basin. It consists of, as primary flora, areas of sagebrush, rabbitbrush, some grasses, and cacti, and large areas of bare soils devoid of any growth in areas that are formed along the edges of perennial streams, cottonwoods, willows, tamarack, sagebrush, rabbitbrush, grasses and cacti can be found.

The fauna of the area is sparse and consists predominantly of the mule deer, coyotes, pronghorn antelope, rabbits and varieties of small ground squirrels and other types of rodents, and various reptiles common to the area.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The area is used by man for the primary purpose of grazing domestic livestock.

The Topography of the Immediate Area (See Topographic Map "B").

C.I.G.E. #40-3-10-21 sits on a relatively flat bench area, which slopes gradually to the West.

The geologic structure of the location is of the Uintah Formation and consist of light brownish-gray sandy clay (SP-CL) with some sandstone outcrops.

The ground slopes through this location site to the West at approximately a 2% grade.

The location is covered with some sagebrush and grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

C.I.G. EXPLORATION, INC.
C.I.G.E. #40-3-10-21
Section 3, T10S, R21E, S.L.B. & M.

11. OTHER INFORMATION - cont...

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

C.A. Hansen
2100 Prudential Plaza
P.O. Box 749
Denver, CO 80201

Tele: (303) 572-1121

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by C.I.G. Exploration Inc. and its contractors and subcontractors in conformity with this plan and terms and conditions under which it is approved.

Date

6-29-80


C.A. Hansen

Drilling Engineer

CIGE 40-3-10-21
Section 3-T10S-R21E
Uintah County, Utah

10-POINT PROGRAM

1. Geologic name of surface formation:

UINTA

2. The estimated tops of important geologic markers:

GREEN RIVER - 1400'

WASATCH - 4650'

3. The estimated depths at which anticipated water, oil, gas are expected to be encountered:

WASATCH - 4650' - GAS

4. The proposed casing program, including the size, grade, and weight per foot each string and whether new or used:

9-5/8" - K-55, ST&C - 43.5# NEW

4-1/2" - N-80, LT&C - 11.6# NEW

5. The Operators' minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings, and testing procedures and testing frequency:

Bottom:

3000# BOP W/4-1/2" pipe rams
3000# BOP W/blind rams
3000# Hydril

Top:

Grant rotating head

Manifold includes appropriate valves, positive and adjustable chokes and kill line to control abnormal pressures.
BOP's will be tested at installation and will be cycled on each trip.

6. The type and characteristics of the proposed circulating medium to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained:

10-POINT PROGRAM - PAGE 2

CIGE 40-3-10-21
Section 3-T10S-R21E
Uintah County, Utah

6. Continued --

The well will be drilled with fresh water from surface to 4500' with a weight of 8.3 to 8.7 . From 4500' to TD the well will be drilled with fresh wtr mud with a weight from 8.7 to 10.4 . Sufficient weighting material (barite) will be on location to increase the mud weight if abnormal pressure is encountered.

7. The auxiliary equipment to be used:

- a. kelly cock
- b. monitoring equipment on the mud system
- c. a sub on the floor with a full opening valve to be stabbed into the drill pipe when the kelly is not in the string.

8. The testing, logging and coring program to be followed:

No DST's are planned
No cores are expected to be cut.

LOGS: Dual Induction Laterolog
Compensated Neutron-Formation Density

9. Any anticipated abnormal pressures or temperatures expected to be encountered:

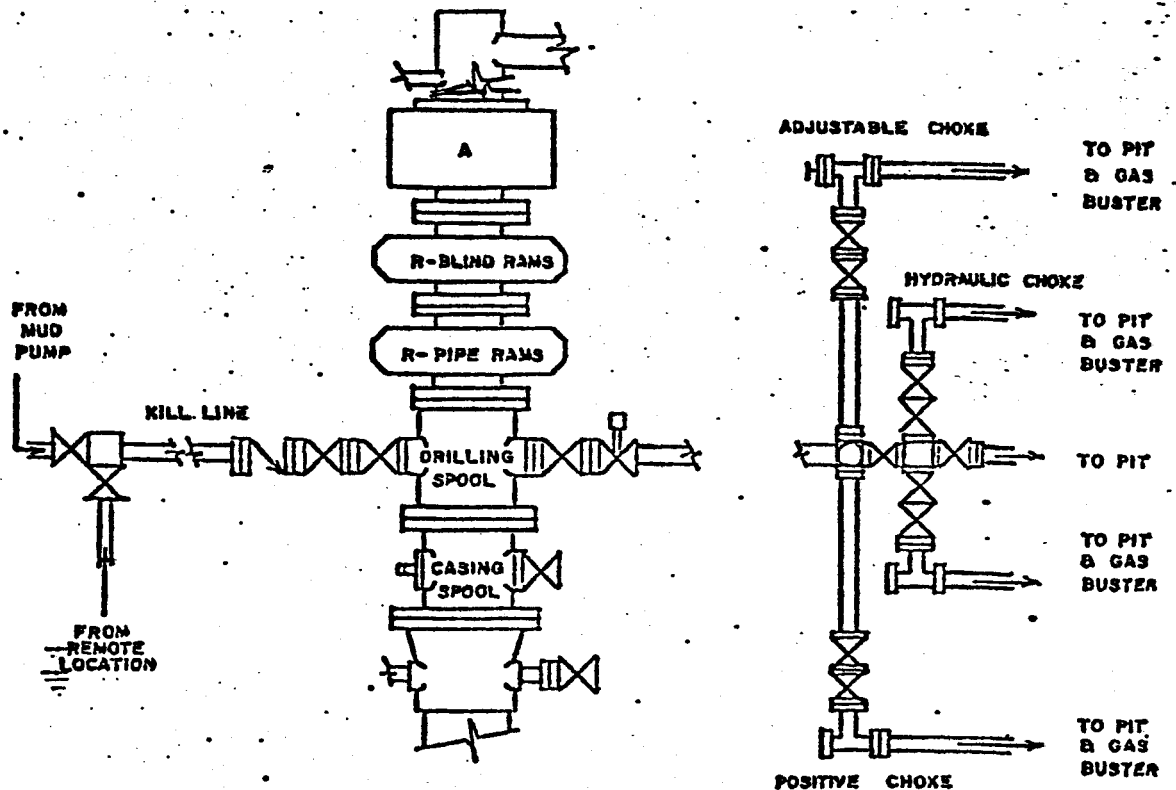
No abnormal pressures or temperatures expected
No hydrogen sulfide expected

10. The anticipated starting date and duration of the operation:

July 15, 1980. Three weeks' duration.

3000 psi

psi Working Pressure BOP's



Test Procedure

- 1) Flush BOP's and all lines to be tested with water.
- 2) Run test plug on test joint and seat in casing head (leave valve below test plug open to check for leak).
- 3) Test the following to rated pressure:
 - a) inside blowout preventer
 - b) lower kelly cock
 - c) upper kelly cock
 - d) stand pipe valve
 - e) lines to mud pump
 - f) kill line to BOP's
- 4) Close and test pipe rams to rated pressure.
- 5) Close and test Hydril to rated pressure.
- 6) Back off and leave test plug in place. Close and test blind rams to rated pressure.
- 7) Test all choke manifold valves to rated pressure.
- 8) Test kill line valves to rated pressure.



United States Department of the Interior

IN REPLY REFER TO

T&R
U-802

BUREAU OF LAND MANAGEMENT
VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

September 29, 1980

Ed Guynn, District Engineer
USGS, Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

RE: CIG Exploration Inc.
Well # 27-33-9-22, Lease # U-01191
Section 33, T9S, R22E;
Well # 25-34-9-22, Lease # U-014977
Section 34, T10S, R21E;
Well # 40-3-10-21, Lease # U-0149078
Section 34, T10S, R21E;
Uintah County, Utah

Dear Mr. Guynn:

A joint field examination was made on August 1, 1980 of the above referenced well site locations, pipeline routes, and proposed access roads. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes, shall be in accordance with surface use standards as set forth in the brochure, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. Traveling off access road right-of-way will not be allowed. The maximum width of access roads (both existing and planned) will be 30 feet total disturbed area, except where backslope and fills require additional area. Turn-outs will not be required.
3. Topsoil will be stockpiled as addressed in the applicant's 13 Point Plan. The BLM recommends that the top 6 to 8 inches of topsoil be stockpiled at the well site.
4. The BLM must be contacted at least 24 hours prior to any construction activities.
5. The BLM will be contacted at least 24 hours prior to any rehabilitation activities. The operator may be informed of any additional needed seeding and restoration requirements.



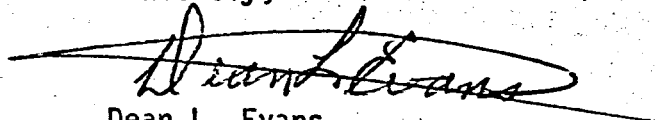
6. Burn Pits will not be constructed. There will be no burning or burying of trash or garbage at the well site. Refuse must be contained and hauled to an approved disposal site.
7. A wire mesh or web type fence will be used around the reserve pit. At least two strands of barbed wire will top this fence.
8. If oil storage tanks are erected they will be surrounded by earth dikes of suitable dimensions to contain the entire contents of the tanks in the event of a storage tank failure.
9. Reserve pits will have at least four feet of their depths below the natural ground surface.
10. Well # 27-33-9-22 will be moved 475 feet due east.
11. The access road to Well # 27-33-9-22 will be built south of the centerline of the existing seismograph trail in the area. This is in order to protect an endangered species of plant and a paleontologic resource.

An archaeological study has been conducted by A.E.R.C., and a verbal report was submitted to this office on September 26, 1980. No cultural resources were found.

The proposed activities do not jeopardize listed, threatened, or endangered flora, fauna, or their habitats.

The BLM representative will be Ron Rogers (789-1362).

Sincerely,



Dean L. Evans
Area Manager
Bookcliffs Resource Area

cc: USGS, Vernal

Memorandum

Greg

To: District Oil and Gas Engineer, Mr. Edward Guvnn

From: Mining, Supervisor, Mr. Jackson W. Moffitt

Subject: Application for Permit to Drill (form 9-331c) Federal oil and gas lease No. 4-0149078 Well No. C16E 40-3-10

1. The location appears potentially valuable for:

☐ strip mining*

☒ underground mining** oil shale, Gilsonite very probable, well should be located to avoid Gilsonite

☐ has no known potential.

2. The proposed area is

☐ under a Federal lease for _____ under the jurisdiction of this office.

☒ not under a Federal lease under the jurisdiction of this office.

☒ Please request the operator to furnish resistivity, density, Gamma-Ray, or other appropriate electric logs covering all formations containing potentially valuable minerals subject to the Mineral Leasing Act of 1920.

*If location has strip mining potential:

Surface casing should be set to at least 50 feet below the lowest strip minable zone at _____ and cemented to surface. Upon abandonment, a 300-foot cement plug should be set immediately below the base of the minable zone.

**If location has underground mining potential:

The minable zones should be isolated with cement from a point 100 feet below the formation to 100 feet above the formation. Water-bearing horizons should be cemented in like manner. Except for salines or water-bearing horizons with potential for mixing aquifers, a depth of 4,000 feet has been deemed the lowest limit for cementing.

Signed

Allen J. Vance



United States Department of the Interior *Aug*

GEOLOGICAL SURVEY
Conservation Division
8440 Federal Building
Salt Lake City, Utah 84138

*Well # 40-3-10-21
C/G Exploration
3-10S-21E
Quantal Creek
E & #532-80*

Mr. Peter Rutledge
Area Oil Shale Supervisor
Area Oil Shale Office
131 North Sixth, Suite 300
Grand Junction, Colorado 81501

*RECEIVED
JUL 1 1980
OFFICE OF
OIL & GAS SUPERVISOR*

Dear Mr. Rutledge,

The Office of Oil and Gas Operations, Conservation Division, received the attached Application for Permit to Drill, Deepen, or Plug Back (Form 9-331C).

Please review this proposal for any conflict with any of the resources in the oil shale tracts and withdrawal areas. If needed, set forth the stipulations you determine necessary for adequate protection. Please use the following space for your response (if there is none, so state), together with date and initials of person responsible and return to the Office of Oil and Gas Operations.

U.S. Geological Survey
8440 Federal Building
125 South State Street
Salt Lake City, Utah 84138

CIG Exploration 40-3-10-21
Sec. 3, T10S, R21E

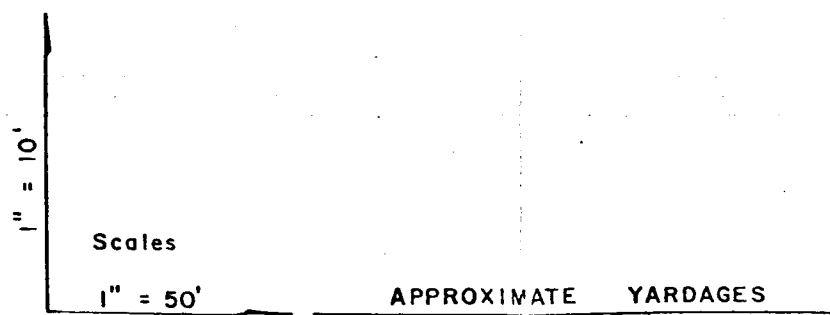
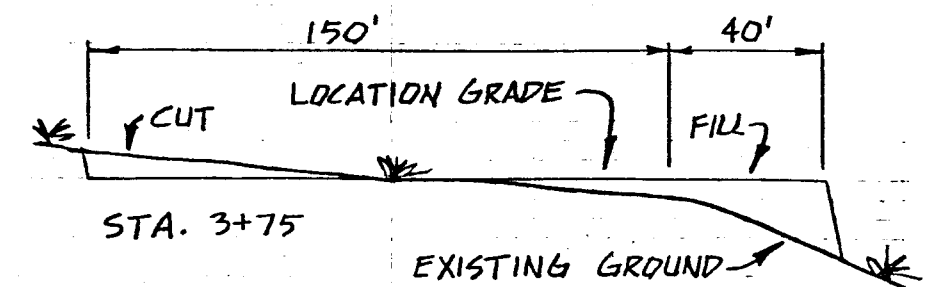
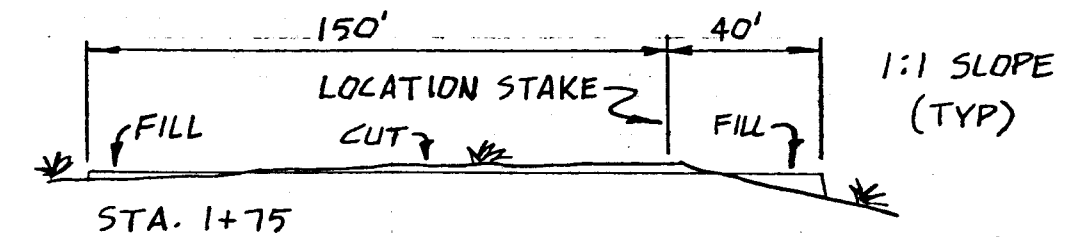
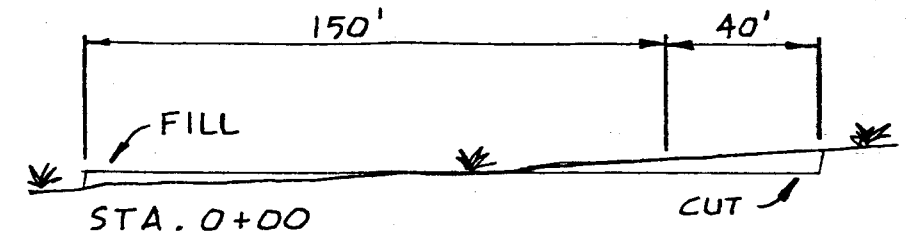
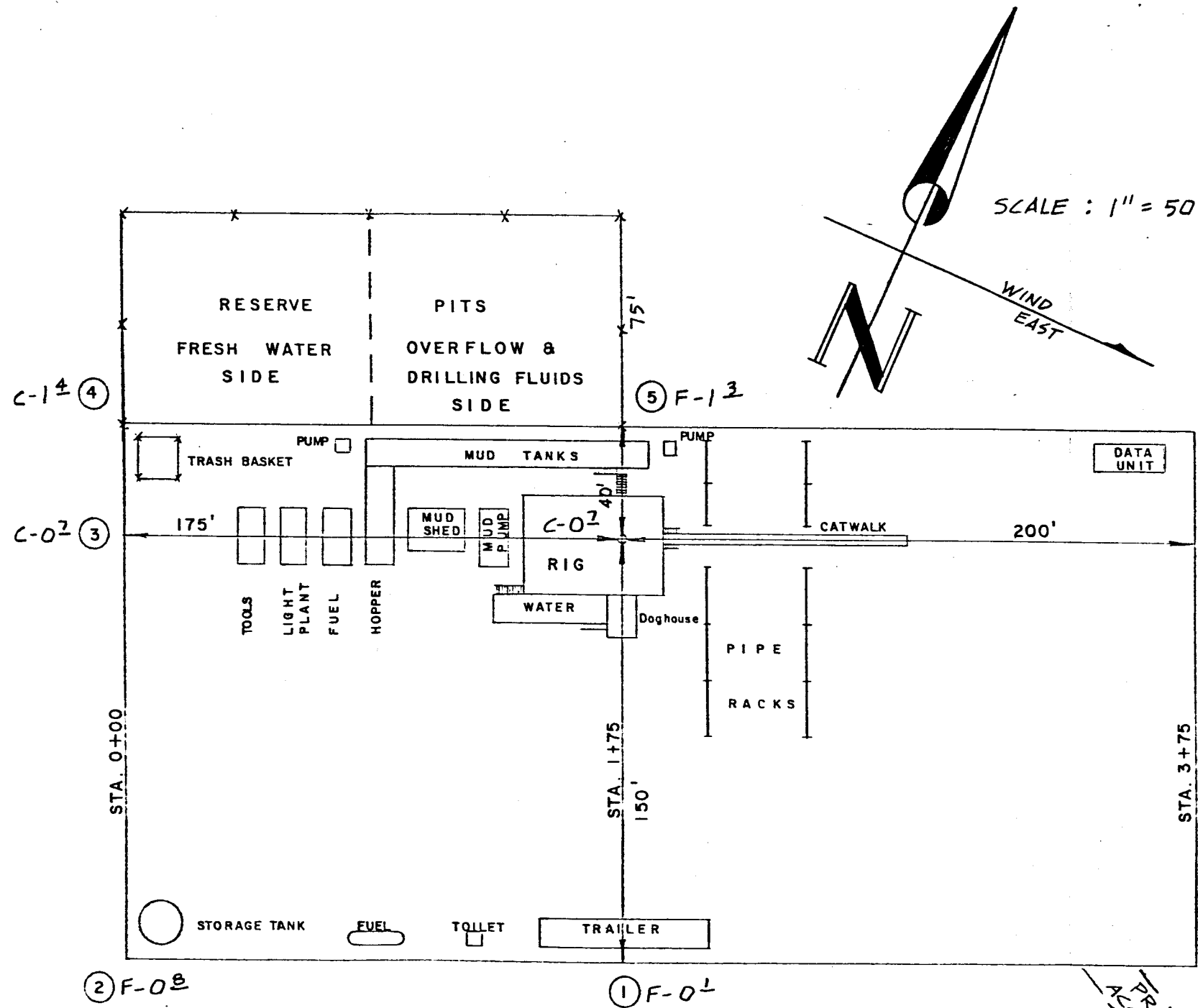
July 28, 1980

The proposed program indicates that cement will be circulated to the surface when setting the 4½" casing. This casing and cementing program is acceptable for protection of the Green River oil shale section.

Ray A. Brady
Ray A. Brady
Geologist

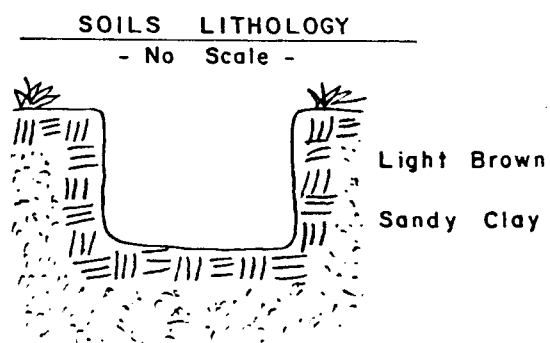
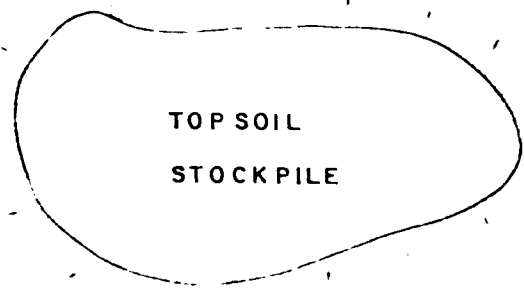
C.I.G. EXPLORATION, INC.

C.I.G.E. # 40-3-10-21



Cubic Yards of Cut - 784


Cubic Yards of Fill - 721



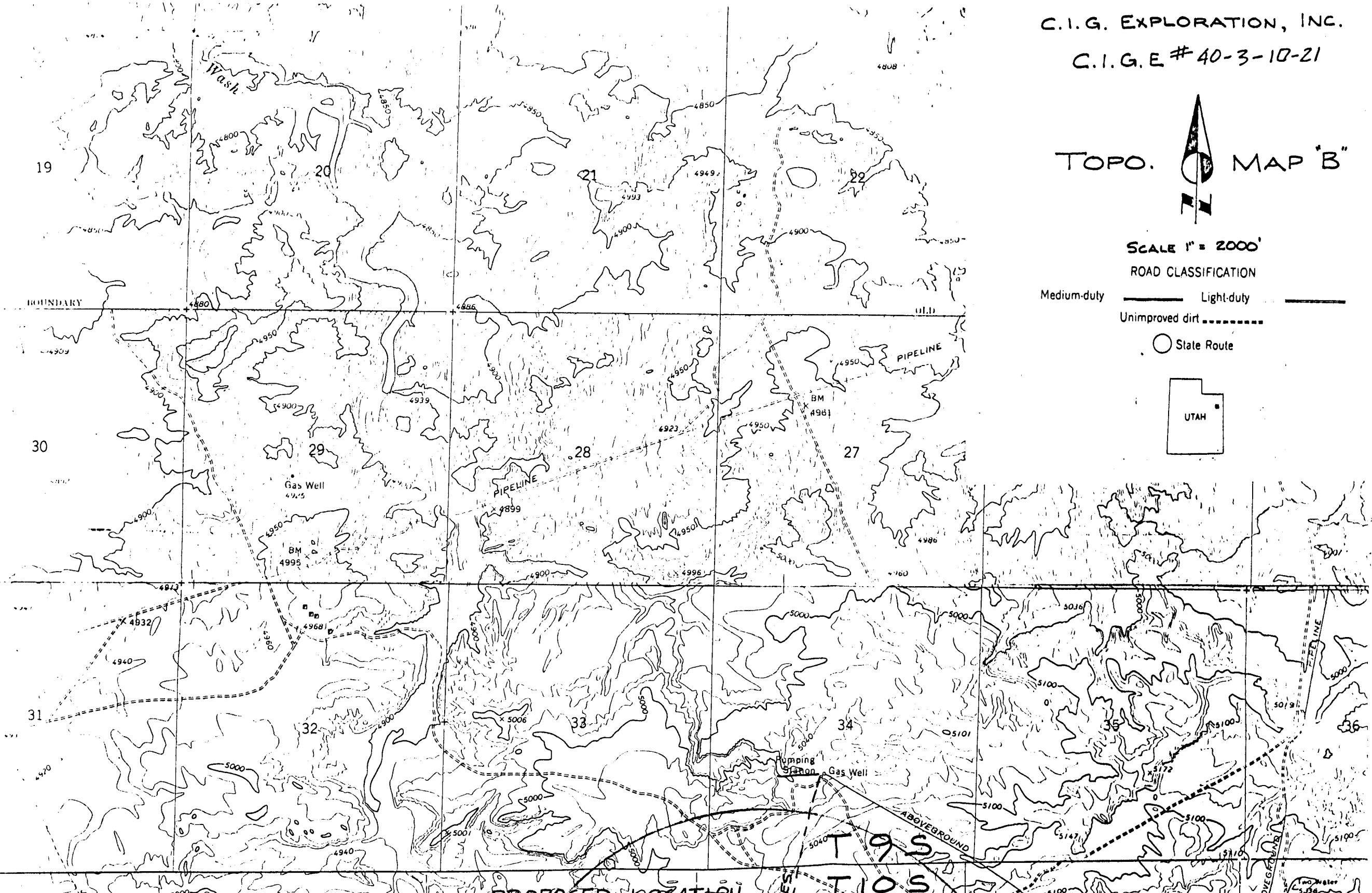
C.I.G.E # 40-3-10-21

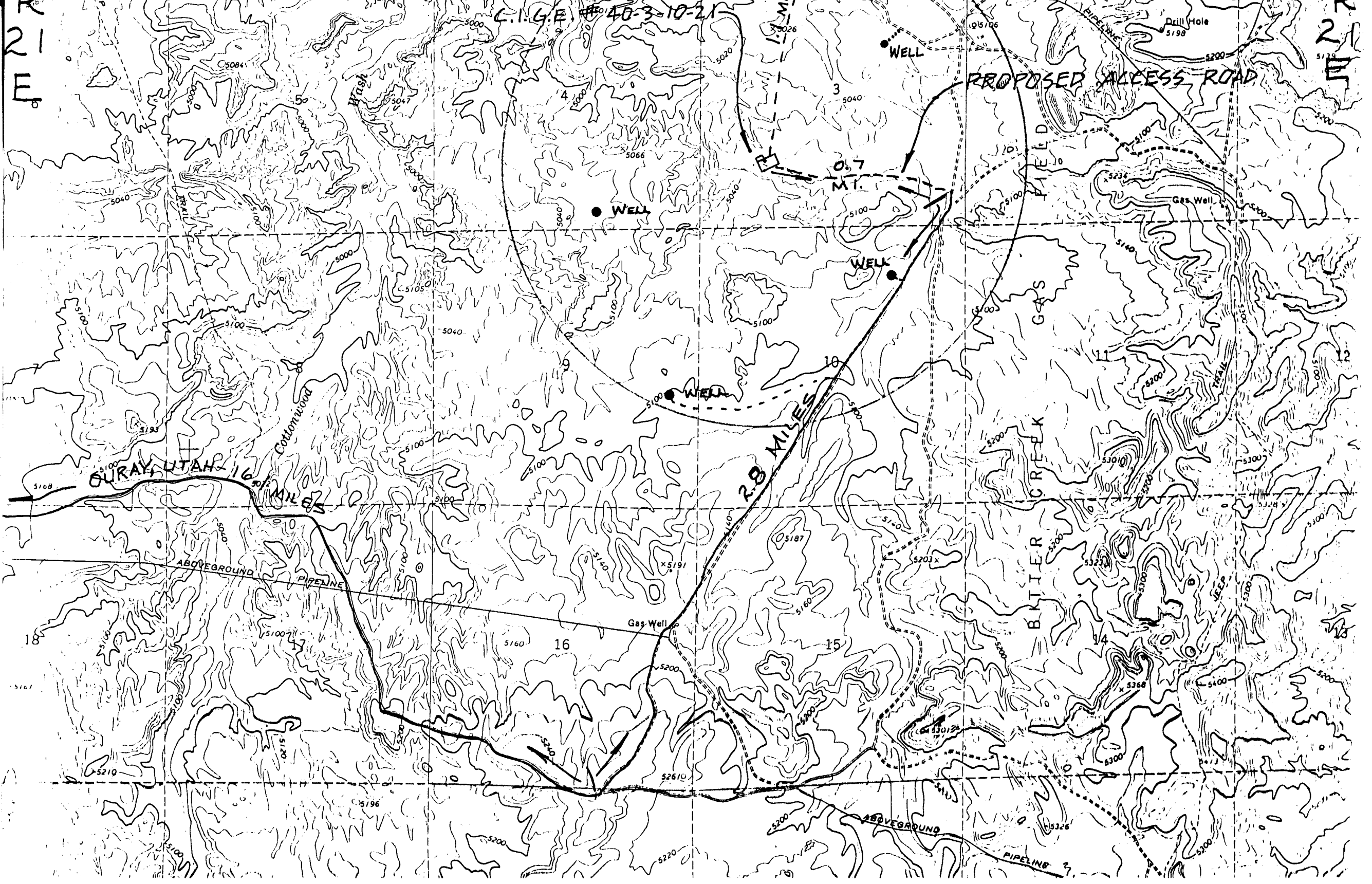
ROAD CLASSIFICATION

Unimproved dirt



UTAH





Statement for permit to lay flow line, to be included with application for drilling permit:

Upon approval of all concerned regulatory agencies, CIG proposes to install a surface flow line from CIGE #40-3-10-21 in a southeasterly direction through the SW/4 of Section 3 and the NE/4 of Section 10, connecting to Line F111-8" in the NE/4 of Section 10, all in 10S-21E. The line will be approximately 3,300' long as shown on the attached sketches.

Pipe will be 4-1/2" O.D. x .125" W.T., Grade "B." It will be butt-welded in place using portable electric welding machines and will be laid above-ground except where burial is necessary for road crossing, ditches, or other obstructions. Magnesium anodes will be installed at the dehydrator, meter setting, road crossings, underground piping at stream crossings, and at producer's separator for corrosion protection.

CIG will connect to producer's separator and install dehydration and metering facilities within 100' of the connection.

Some damage will be incurred by trucks transporting pipe and welding equipment over the pipeline route, but surface disturbance will be held to a minimum.

ESTIMATE SKETCH

DATE: 6-16-80
STARTING DATE: _____
EST. COMP. DATE: _____
☐ COMPANY ☒ CONTRACT

☒ COLORADO INTERSTATE GAS COMPANY
☐ _____

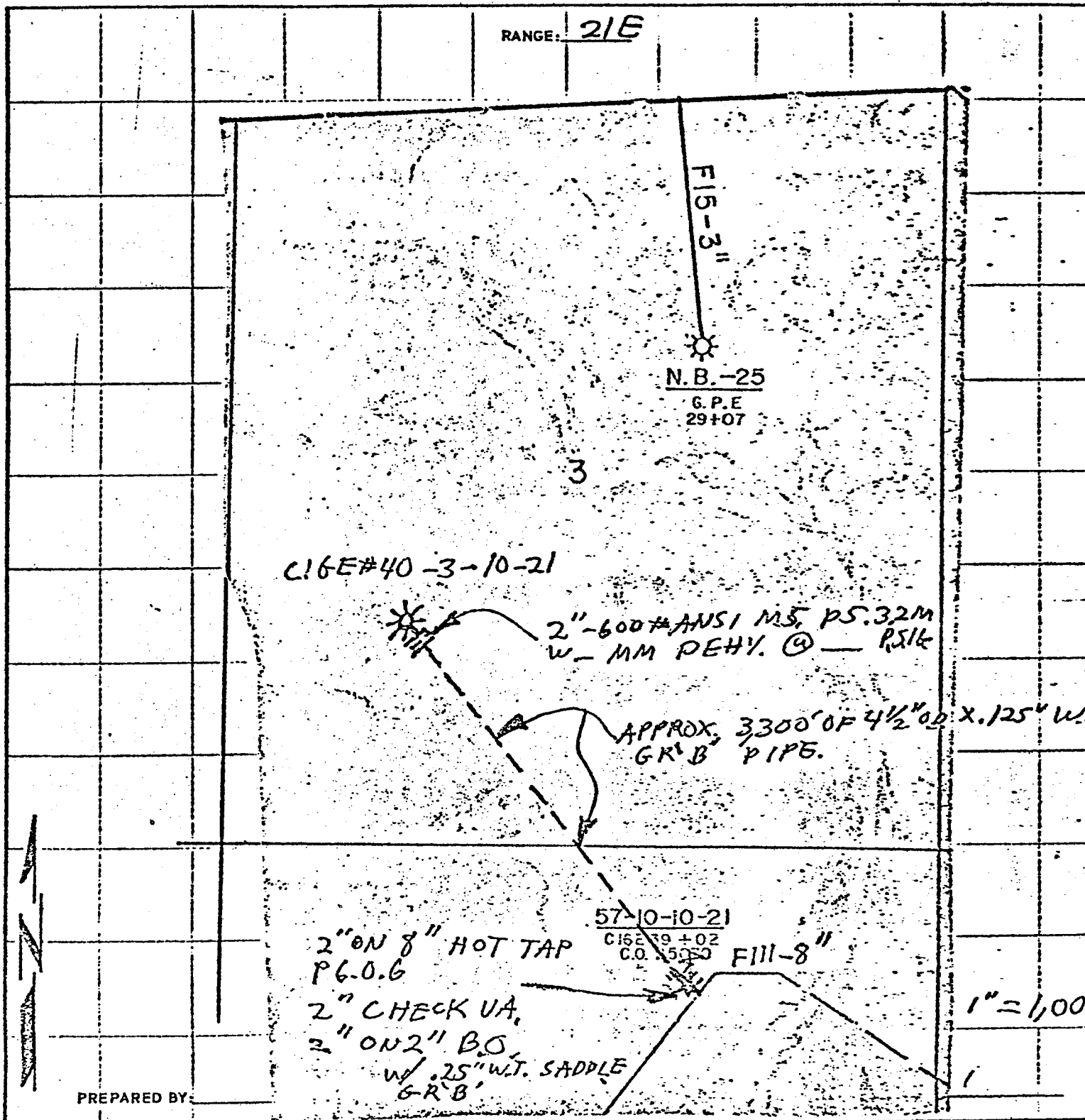
W O NO.: _____
REVISION NO.: _____
BUDGET NO.: _____
RELATED DWG.: 115F4-1

LOCATION: C SW SEC-3-10S-21E COUNTY: Uintah STATE: Utah
DESCRIPTION OF WORK: CONNECT CIG#40-3-10-21

Natural Buttes

REQUESTED BY: _____ APPROXIMATE MILEAGE: _____ PROJECT ENGINEER: JFK

RANGE: 21E



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

DUPLICATE

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

CIG EXPLORATION, INC.

3. ADDRESS OF OPERATOR

P. O. BOX 749, DENVER, COLORADO 80201

4. LOCATION OF WELL (Report location clearly and in accordance with State requirements)

At surface

1333' FWL & 1337' FSL

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

APPROXIMATELY 15 MILES SE OF OURAY, UTAH

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1333' FWL

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

3145'

16. NO. OF ACRES IN LEASE

648.44

19. PROPOSED DEPTH

6700'

17. NO. OF ACRES ASSIGNED

TO THIS WELL

324.38

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5073' Ungr. Gr.

22. APPROX. DATE WORK WILL START*

August 1, 1980

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	43.5#	600'	125 sacks
7-7/8"	4-1/2"	11.6#	6700'	Circulate cement back to surface.

Fresh water aquifers will be protected when the long string is run and cement is circulated to surface.

State of Utah, Department of Natural Resources

Oil, Gas, and Mining

SEE ATTACHED SUPPLEMENTS FOR FURTHER INFORMATION:

- (1) 10-Point Program
- (2) BOP Schematic
- (3) 13-Point Program
- (4) Plats
- (5) Gas Well Production Hookup

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

C. A. Hansen

TITLE Drilling Engineer

DATE June 23, 1980

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

FOR E. W. GUYNN
DISTRICT ENGINEER

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY
See Instructions On Reverse SideFLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

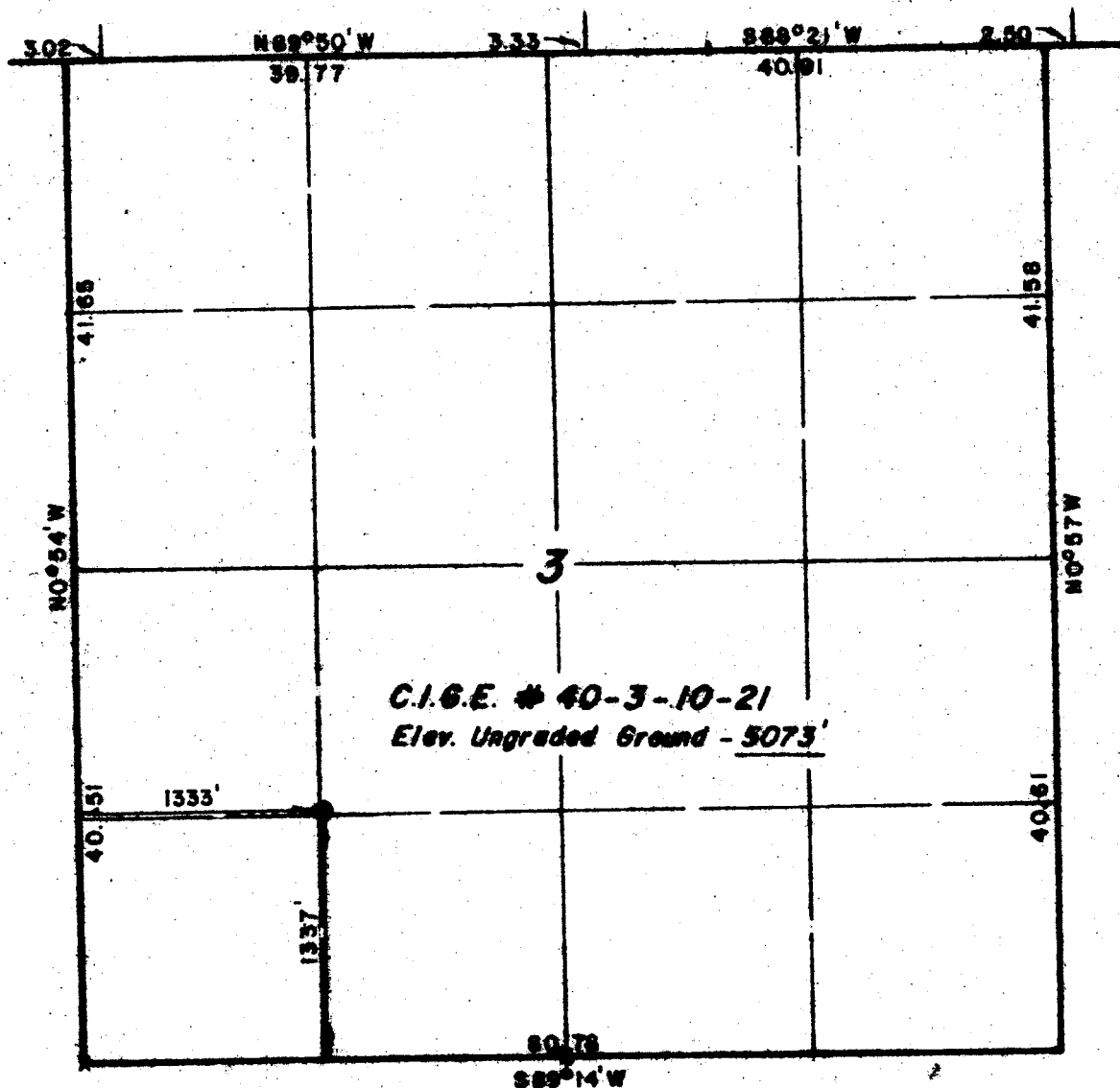
NOTICE OF APPROVAL

Production Facilities and Flowline NOT Approved

T 10 S, R 21 E, S. L. B. & M.

PROJECT
C.I.G. EXPLORATION INC.

Well location C.I.G.E. # 40-3-10-21
located as shown in the NE 1/4 SW 1/4
Section 3, T 10 S, R 21 E, S. L. B. & M.
Uintah County, Utah.



C.I.G.E. # 40-3-10-21
Elev. Ungraded Ground - 5073'

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

John J. Wierbach
REGISTERED LAND SURVEYOR
REGISTRATION NO 2484
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYORS
P. O. BOX 9 - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	6/11/80
PARTY	DA MH	REFERENCES	C.L.O. Plat
WEATHER	Fair	FILE	C.I.G. EXPLORATION

X = Section Corners Located

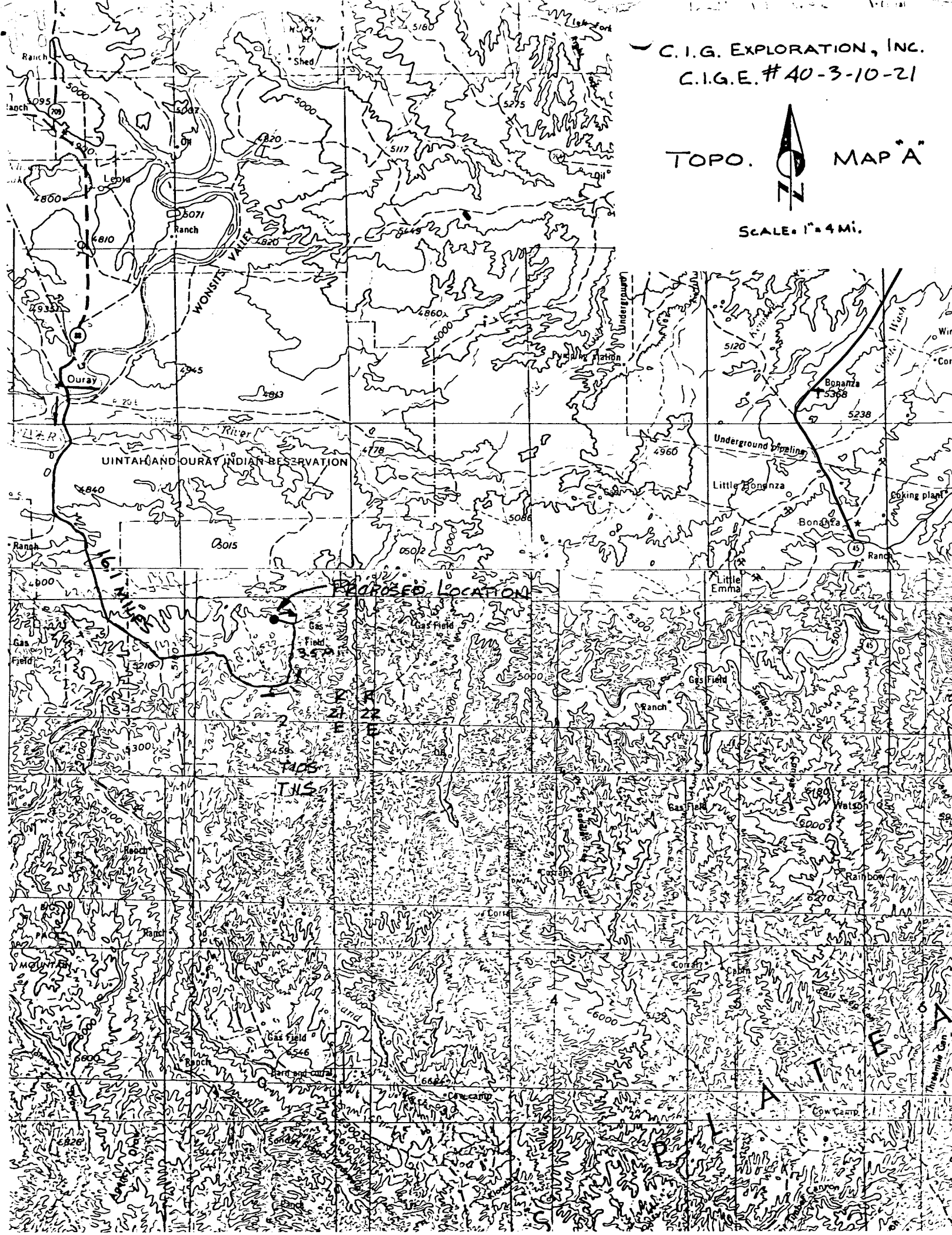
C.I.G. EXPLORATION, INC.
C.I.G.E. #40-3-10-21

TOPO.

MAP "A"



SCALE: 1" = 4 Mi.



PIPELINE TO BE ADEQUATELY ANCHORED TO PREVENT UNDUE MOVEMENT OR STRAIN TO EXISTING FACILITY. NUMBER AND SPACING OF ANCHORS TO BE DETERMINED IN FIELD

FOR PIPE ANCHOR
DETAIL SEE DWG.
80FM3-4A

20'±

EXIST. PIPELINE

ALTERNATE ANCHOR - BURY PIPELINE MIN. OF 18"

(TYP. FOR G.P.E. OR C.I.)

C.I.G. OTHER

INSUL.

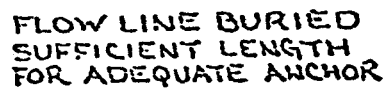
TYP. FOR CONN. TO M.F.

Colorado Interstate Gas Co.
COLORADO SPRINGS, COLORADO

TYPICAL CONNECTION TO MAIN
LINES AND PIPE ANCHOR
DETAIL - NATURAL BUTTES FIELD
UINTA COUNTY, UTAH

1	23838	REVISE STARTING POINT	8-22-77	RWP		
NO.	C.O. NO.	DESCRIPTION	DATE	BY	CHK.	APPR.

SCALE: NONE DRAWN: RWP APP: *[Signature]* 115FP-1



<p><i>Colorado Interstate Gas Co.</i></p> <p>COLORADO SPRINGS, COLORADO</p>			
<p>TYPICAL WELL HEAD INSTALLATION NATURAL BUTTES FIELD</p>			
<p>UINTAH COUNTY,</p>			<p>UTAH</p>
<p>SCALE: NONE</p>	<p>DRAWN: RWP</p>	<p>APP: -</p>	<p>115FP-2</p>

NOTICE OF SPUD

WELL NAME: C16E 40-3-10-21

LOCATION: NE 1/4 SW 1/4 SECTION 3 T- 10S R- 21E

COUNTY: UNTAH STATE: UTAH

LEASE NO.: U-0149078 LEASE EXPIRATION DATE: 4-1-71

UNIT NAME (If Applicable): NATURAL BUTTES UNIT

DATE & TIME SPUDDED: 10/2/80 1:00 pm

DRY HOLE SPUDDER: ALL WESTERN AIR DRILLING

DETAILS OF SPUD (Hole, Casing, Cement, etc.): Spud 12-1/4" hde and drill
to 210'. Run 5 jts 9-5/8" csq and set @ 210'.* Cmt
w/ SK PD

* Historical Practice

ROTARY RIG NAME & NUMBER: Loffland 236

APPROXIMATE DATE ROTARY MOVES IN: 10/3/80

FOLLOW WITH SUNDRY NOTICE

USGS CALLED: DATE: 10/6/80

PERSON CALLED: Teresa A

STATE CALLED: DATE: 10/6/80

PERSON CALLED: Kathy

REPORTED BY: _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR
P. O. Box 749, Denver, Colorado 80201

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1333' FWL & 1337' FSL
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) Spud		

5. LEASE

U-0149078

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
Natural Buttes Unit

8. FARM OR LEASE NAME
Natural Buttes

9. WELL NO.
CIGE 40-3-10-21

10. FIELD OR WILDCAT NAME
Natural Buttes

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 3-T10S-R21E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43-047-30740

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5073' Ungr. Gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well spudded October 2, 1980, at 1:00 PM. Please see attached for report of spud.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED C. A. Hansen Drilling Engineer DATE October 9, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐
2. NAME OF OPERATOR
Coastal Oil & Gas Corporation
3. ADDRESS OF OPERATOR
P. O. Box 749, Denver, Colorado 80201
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1333' FWL & 1337' FSL
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

- | REQUEST FOR APPROVAL TO: | | SUBSEQUENT REPORT OF: | |
|--------------------------|--------------------------|-----------------------|--------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> | | <input type="checkbox"/> |
| FRACTURE TREAT | <input type="checkbox"/> | | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input type="checkbox"/> | | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> | | <input type="checkbox"/> |
| MULTIPLE COMPLETE | <input type="checkbox"/> | | <input type="checkbox"/> |
| CHANGE ZONES | <input type="checkbox"/> | | <input type="checkbox"/> |
| ABANDON* | <input type="checkbox"/> | | <input type="checkbox"/> |
| (other) Operations | | | X |

5. LEASE
U-0149078
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A
7. UNIT AGREEMENT NAME
Natural Buttes Unit
8. FARM OR LEASE NAME
Natural Buttes
9. WELL NO.
CIGE 40-3-10-21
10. FIELD OR WILDCAT NAME
Natural Buttes
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 3-T10S-R21E
12. COUNTY OR PARISH
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14. API NO.
43-047-30740
15. ELEVATIONS (SHOW DF, KDB, AND WD)
5073' Ungr. Gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well spudded October 2, 1980. For report of operations October 2, 1980 through October 15, 1980, please see attached chronological.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Chuck A. Hansen Drilling Engineer DATE October 17, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other ☐
2. NAME OF OPERATOR
Coastal Oil & Gas Corporation
3. ADDRESS OF OPERATOR
P. O. Box 749, Denver, Colorado 80201
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1333' FWL & 1337' FSL
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) <u>Operations</u>		

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please see attached chronological for report of operations October 16, 1980, through November 15, 1980.

5. LEASE
U-0149078
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A
7. UNIT AGREEMENT NAME
Natural Buttes Unit
8. FARM OR LEASE NAME
Natural Buttes
9. WELL NO.
CIGE 40-3-10-21
10. FIELD OR WILDCAT NAME
Natural Buttes
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 3-T10S-R21E
12. COUNTY OR PARISH
Utah
13. STATE
Utah
14. API NO.
43-047-30740
15. ELEVATIONS (SHOW DF, KDB, AND WD)
5073' Ungr. Gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)



Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED R. F. Boswell TITLE Senior Engineer DATE November 18, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

CIGE #40-3-10-21
 Natural Buttes (D)
 Uintah County, Utah
 AFE: 19745 WL: 100%
 ATD: 6500' SD: 10-2-80
 Coastal Oil & Gas Corp., Oper.
 Loffland Rig #236, Contr.
 9-5/8" @ 232' GL;

LOCATION: C SW, Sec 3-T10S-R21E.
 1333' FWL & 1337' FSL.
 Elev: 5073' GR (ungr); KB 13'

- 10-3-80 210'; (210'-6 hrs); Prep to run surf csg.
 RU All Western; drl RH. Spud 1:00 PM 10-2-80, 12 1/4" hole to 210'. Cum Csts: \$10,961.
- 10-4-80 232'; (22'-2 hrs); MI Loffland Rig 236
 Finish drlg 12 1/4" hole; 22' f/surf pipe; RU & run 6 jnts 9-5/8" 36# K-55 8 rd
 STC csg (236'); set @ 232' BL; cmt 9-5/8" csg w/100 sx Cl "G" w/2% CaCl; circ 6 bbl cmt
 to surf; PD @ 12:40 PM 10-3-80; install csg hd (10" x 900 Series). Cum Csts: \$22,233.
- 10-5-80 RU RT.
- 10-6-80 232'; RU RT.
 9 hrs RU RT, 15 hrs WO daylight. Cum Csts: \$35,010.
- 10-7-80 232'; NU BOPs.
 WO daylight; RU RT; work on new kill manifold; NU BOP stack. Cum Csts: \$41,258.
- 10-8-80 290'; (45'-2 hrs); Drlg 7-7/8".
 NU; press tst w/Yellow Jacker-ok 3000 psi; set wear ring; PU DA; PU 6 1/2" DCs;
 drlg, tag cmt @ 220'; rig service; rep wt indicator. Circ res pit. Cum Csts: \$49,058.
- 10-9-80 1357'; (1067'-20 hrs); GIH-trip.
 Drlg; surv (1 1/2" @ 245'); drlg; surv (1 1/2" @ 691'); drlg; surv (3/4" @ 1220'); drlg;
 trip; wash to btm. MW 8.4, vis 27, pH 10.5. Cum Csts: \$58,085.
- 10-10-80 1686'; (329'-8 1/2 hrs); WOC.
 Drlg; install rotating head; drlg; lost circ @ 1594'; dry drl to 1686'-no retns.
 POH & std DCs back; RIH to 1452'; set 150 sx Cl "H" & 1/2"/sk Flocele & 4#/sk Kolite; WOC
 on plug #1; fill hole @ 2:00 AM-took 20 bbl to fill. MW 8.4, vis 27, pH 10.5. Cum Csts:
 \$64,670.
- 10-11-80 2226'; (540'-15 hrs); Drlg 7-7/8"-full retns.
 WOC; TIH & tag cmt @ 1509'; drlg cmt 1509-1686'; drlg form; WL surv (3/4" @
 1739'); drlg; lugging unit on loc. MW 8.4, vis 27, PV 11.5. Cum Csts: \$80,906.
- 10-12-80 3060'; (835'-21 hrs); Drlg.
 Drlg; WL surv (1 1/2" @ 2210'); drlg; rig service; drlg; WL surv (1 1/2" @ 3254');
 drlg; rig service; drlg; rig service; rig rep, fuel pmp drlg. MW 8.4, vis 27, Cum Csts:
 \$87,766.
- 10-13-80 3751'; (691'-23 hrs); Drlg.
 Drlg; rig service; drlg; surv (3/4" @ 3501'); drlg. MW 8.4, vis 27. Cum
 Csts: \$74,397.
- 10-14-80 4294'; (543'-22 1/2 hrs); Drlg.
 Drlg; rig service; drlg; surv (1 1/2" @ 4002'); drlg; rig service; drlg. BGG 150
 units, CG 220 units. MW 9.0, vis 39, WL 15.2, PV 10, YP 10, Sd Tr, Sol 4, pH 10.0, Alk
 .4, M_f .9, CL 2000, CA 180, Gels 4/8, Cake 2/32, MBT 15.0 lb/bbl. Cum Csts: \$115,642.
- 10-15-80 4661'; (367'-22 1/2 hrs); Drlg.
 Drlg; rig service; drlg; surv; drlg; rig service; drlg. BGG 25 units, CG 95
 units. Drlg Brks: 4378-88' 3"/ft to 1.7"/ft 50 units to 250 units; 4505-20' 4"/ft to
 2"/ft. MW 9.1, vis 38, WL 13.6, PV 11, YP 8, Sd 1/8, Sol 5, pH 10.5, Alk .4, M_f .9, CL
 1800, CA 100, Gels 2/5, Cake 2/32, MBT 15.0, Crh 500. (1 1/2" @ 4535'). Cum Csts: \$123,06
- 10-16-80 4862'; (201'-18 1/2 hrs); TIH w/bit #3.
 Rig service, BOPs; drlg; rig service & BOPs; drlg; drop surv (1-3/4" @ 4862');
 TOH f/bit; chng bit & BOPs; TIH w/bit #2; BGG 150 units, CG 250 units; (rec 208 jnts 4 1/2
 csg 6727.91' OA). MW 9.3, vis 40, WL 13.2, PV 12, YP 8, Sd 1/2, Sol 7.0, pH 10.0, Alk 0.3
 M_f 0.8, CL 1700, CA 80, Gels 3/6, Cake 2/32, MBT 17.5, Chr 400. Cum Csts: \$132,865.
- 10-17-80 5153'; (291'-18 1/2 hrs); Drlg.
 TIH; rep drum chain; TIH; wash 60' to btm; drlg; surv; drlg; rig service; drlg
 BGG 60 units, CG 150 units. MW 9.3, vis 38, WL 10.4, PV 01, YP 8, Sd 1/2, Sol 7.0, pH 10.
 Alk .4, M_f .9, CL 1700, CA 80, Gels 2/6, Cake 2/32. (1 1/2" @ 4930'). Cum Csts: \$140,952.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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1. oil ☐ gas ☒ other ☐
well well
2. NAME OF OPERATOR
Coastal Oil & Gas Corporation
3. ADDRESS OF OPERATOR
P. O. Box 749, Denver, Colorado 80201
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1333' FWL & 1337' FSL
AT TOP PROD. INTERVAL: SAME
AT TOTAL DEPTH: SAME
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) Operations			

5. LEASE
U-0149078
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A
7. UNIT AGREEMENT NAME
Natural Buttes Unit
8. FARM OR LEASE NAME
Natural Buttes
9. WELL NO.
CIGE 40-3-10-21
10. FIELD OR WILDCAT NAME
Natural Buttes
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 3-T10S-R21E
12. COUNTY OR PARISH
Uintah
13. STATE
Utah
14. API NO.
43-047-30740
15. ELEVATIONS (SHOW DF, KDB, AND WD)
5073' Ungr. Gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please see attached chronological report for operations November 16 through December 15, 1980.

RECEIVED

DEC 22 1980

DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED R. F. Boswell TITLE Senior Engineer DATE December 17, 1980

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

CIGE #40-3-10-21

Natural Buttes (D)

Uintah County, Utah

AFE: 19745 WI: 100%

ATD: 6500' SD: 10-2-80

CIGE, Oper.

Loffland Rig #236, Contr.

9-5/8" @ 232' GL; 4 1/2" @ 6700';

LOCATION: C SW, Sec 3-T10S-R21E.

1333' FWL & 1337' FSL.

Elv: 5073' GR (ungr); KB = 13'

TD: 6700'

PBD: 6650'

12-12-80 TD 6700'; PBD 6650'; Prep to swb to pit on 20/64" CK, FTP 200#, SICP 300#, 500 MCDF 5:20 AM 12-12-80, mist of wtr. Well died; road to loc f/Vernal; RU NL Well Service to swb well dwn; TIH w/swb line; hit obstruction in 2-3/8" tbg @ 400'; started swbg f/obstruction @ 400'; well flwd back some sealer balls & some rubber; made 10 swb rns w/last swb rn to SN; flwd well to pit on 20/64" CK, FTP 50#, SICP 300#, 150 MCDF. Cum Csts: \$76,063.

12-13-80 TD 6700'; PBD 6650'; Prep to flw well to pit to clean up after frac job. Road to loc; RU Western; press tst lines to 6500#; dwn tbg & tbg-csg annulus frac gross intervals 6499-6621' (6 holes) & 5133-5728' (11 holes) w/125,300 gal of low residue, crosslined gel & 252,000# of 20-40 sd as per procedure dated 10-31-80; 1st stage AR 37, AP 4400; 2nd stage AR 34, AP 4200, good ball action between 1st & 2nd stage; tot job AR 36, AP 4250; dropped 10 BS between 1st & 2nd stage; flushed to perms w/5% KCl wtr; ISIP 1700#, 5 min 1600, 10 min 1550, 15 min 1500. Cum Csts: \$144,534.

12-14-80 TD 6700'; PBD 6650'; Well flwg 2" stream of wtr to pit w/o CK. FTP 350#, SICP 500#; ball sealer stuck in CK & stopped well f/unloading overnight; rem CK bean @ 7:00 AM 12-13-80 & flwd well to pit w/o CK. Cum Csts: \$144,534.

12-15-80 TD 6700'; PBD 6650'; CK plugged w/sealer balls; prep to clean out CK & flw well to pit. FTP 610#, SICP 500# on 16/64" CK; well unloading frac wtr & some gas; CK plugged w/BS; used low density (1.3 Sp gr) BS by mistake.

12-16-80 TD 6700'; PBD 6550'; Flwg well to pit to clean up after frac job. When arrived on loc in morn of 12-15 found that well was not flwg as CK was plugged off w/BS; cleaned out CK & started flwg well to pit again @ 8:00 AM 12-15-80; have flwd back 6 BS to date. FTP 1000#, SICP 325# on 16/64" CK, 20 BLWPH, Tr gas.

CIGE #40-3-10-21

Natural Buttes (D)

Uintah County, Utah

AFE: 19745 WI: 100%

ATD: 6500' SD: 10-2-80

CIGE, Oper.

Loffland Rig #236, Contr.

9-5/8" @ 232' GL; 4 1/2" @ 6700';

LOCATION: C SW, Sec 3-T10S-R21E.

1333' FWL & 1337' FSL.

Elv: 5073' GR (ungr); KB = 13'

TD: 6700'

PBTD: 6650'

12-2-80 TD 6700'; PBTD 6668'; MI RU SU; Prep to PU mill & scraper.
Road NL Well Service rig f/Powell #3 to CIGE #40 f/completion.

12-3-80 TD 6700'; PBTD 6624'; Prep to clean out hole to FC.
Road to loc f/Vernal; MI RU SU (NL Well Service Rig); ND tree, NU BOPs; TIH w/213 jnts 2-3/8" 4.7# J-55 tbg w/mill & scraper; tagged cmt @ 6624'; SDFN. Cum Csts: \$4165.

12-4-80 TD 6700'; PBTD 6650'; Prep to perf gross interval 6499-6621' (6 shots).
Road to loc f/Vernal; RU Gray Tool Co power swivel & drl out 50' cmt f/6624-6664'; circ hole clean; tagged PBTD @ 6666'; RD Gray Co; TOH w/207 jnts 2-3/8" tbg; std back 2-3/8" tbg in derrick; RU OWP; ran GR-CCL-CBL f/PBTD to TOC; found PBTD @ 6650' KB & TOC @ 1000'; SDFN. Cum Csts: \$10,070.

12-5-80 TD 6700'; PBTD 6650'; Prep to TOH w/tbg & pkr & perf 5133-5728' (11 shots).
Road to loc; press tst csg to 5800# w/rig pmp; RU OWP; perf w/3-1/8" csg gun 1 JSPF @ 6621, 6618, 6570, 6568, 6502, 6499; TIH w/2-3/8" 4.7# J-55 tbg w/Mod "B" Lok Set RBP & Mod "EA" retrievable pkr & SN 1 jnt above pkr; set RBP @ 6642' KB; set pkr @ 6420' KB; made 3 swb rns to 4400'; gas TSTM, wtr TSTM; RU Western Co to acid; press tst lines to 6500; pmpd 20 bbl 10# NaCl brine pad; pmpd 28 bbl 7 1/2% WFC-1 acid w/5 BS dist evenly thru-out acid; flushed acid to perfs w/28 bbl 10# NaCl wtr; ISIP 1400#, 5 min 1400, 10 min 1400 held 1000# on tbg-csg annulus during acid job; TLF to rec 76 bbl; RD Western; RU to swb; made 5 swb rns: #1 tagged fl @ 400' pulled f/1000', rec 2 BLF; #2 tagged fl w/swb @ 900' pulled f/2000', rec 4 BLF; #3 tagged fl @ 1400', pulled swb f/2400', rec 4 BLF; #4 tagged fl @ 1500', pulled f/3000', rec 6 BLF; #5 tagged f/ @ 1600', pulled f/3800', rec 7 BLF; tot load fl rec 23 bbl; well started flwg (mist); flwd well to pit on 16/64" CK; FTP 50; left well flwg to pit overnight; @ 7:30 AM 12-5-80 FTP 50 on 16/64" CK, 90 MCFD, wtr TSTM Cum Csts: \$18,462.

12-6-80 TD 6700'; PBTD 6650'; Prep to perf.
RU & kill well; rel pkr; TIH w/35 stds; circ on BP @ 2 1/2 BPM f/15 min; rel BP @ 6642' & re-set @ 6425'; tst BP to 4700 psi f/10 min-ok; POH w/tbg & pkr; std tbg back; rel Bak Mod "EA" pkr back to Baker; SION. Cum Csts: \$21,422.

12-7-80 TD 6700'; Prep to flw well to pit.
Road to loc f/Vernal; RU OWP to perf; perf w/3-1/8" csg guns 1 JSPF as follows: 5133, 5134, 5280, 5284, 5288, 5291, 5352, 5354, 5357, 5726, 5728' (tot 11 shots); TIH w/2-3/8" tbg w/Bak ret tool w/SN 1 jnt f/btm; TIH w/tbg to 2157'; well kicked; pmp 60 bbl 10# brine-didn't kill well; pmpd 100 bbl brine into form-killed well; TIH w/tbg to 5000'; pmpd away another 50 bbl 10# NaCl wtr; SDFN. Cum Csts: \$25,824.

12-8-80 TD 6700'; PBTD 6650'; Prep to ret BP @ 6426'.
Raod to loc; RU CK assy; inst blw dwn line; opn well to pit on 30/64" CK; SITP 520#, SICP 200#; opnd well to pit @ 9:20 AM 12-7-80; unloaded 1" stream of wtr; gas start kicking @ 11:30 AM; left well flwg to pit overnight. 7:30 AM 12-8-80 FTP 150, SICP 150, 30/64" CK, 900 MCFD, mist of wtr to pit. Cum Csts: \$27,374.

12-9-80 TD 6700'; PBTD 6650'; Prep to retrieve BP.
Road to loc f/Vernal; kill well w/120 bbl 10# NaCl wtr; TIH w/24 stds 2-3/8" tbg to retrieve BP; circ on top of BP w/5 BW; rel BP; TOH w/tbg; lost BP on way out of hole; TIH w/10 stds tbg & retrieving head; well kicked & unloaded some brine wtr; slugged tbg w/25 bbl 10# NaCl wtr; TIH w/18 stds tbg; set slips; closed BOPs; RU CK; opnd well to tst tank on 20/64" CK overnight. Cum Csts: \$31,183.

12-10-80 Prep to land tbg.
Drive to loc; RU; kill well w/100 bbl 10 ppg brine; TIH, retrieve BP 49 stds off btm; circ to kill well; POH, LD BP; TIH w/106 stds, notch collar on btm, 1 jnt tbg; pmp SN (ID 1-25/32"); locked BOPs; opn well on 36/64" CK; prep to POH w/56 singles & LD tbg. Cum Csts: \$34,680.

12-11-80 Flw well to pit to clean up after landing tbg.
Road to loc; TOH w/53 singles, LD same; inst 10' blast jnt at surf; land 2-3/8" 4.7# J-55 tbg @ 4915.25' w/notched collar on btm & SN 1 jnt f/btm; SN @ 4882.50'; ND BOP NU tree; flwd well to pit on 36/64" CK; FTP 200, SICP 100, 1650 MCFD, 0 BWPD; ND BOPs, NU tree; flwd well to pit on 26/64" CK, FTP 200, SICP 100, 1650 MCFD, 0 BWPD; RD NL Well Service. Cum Csts: \$73,863.

CIGE #40-3-10-21

Natural Buttes (D)

Uintah County, Utah

AFE: 19745 WI: 100%

ATD: 6500' SD: 10-2-80

Coastal Oil & Gas Corp., Oper.

Loffland Rig #236, Contr.

9-5/8" @ 232' GL; 4½" @ 6700';

LOCATION: C SW, Sec 3-T10S-R21E.

1333' FWL & 1337' FSL.

Elv: 5073' GR (ungr); KB 13'

TD: 6700'

10-18-80 5440'; (305'-22½ hrs); Drlg 7-7/8" hole.Drlg; rig service; drlg; rig service; drlg; rig service. BGG 60 units, CG 130 units. Drlg Brk: 5268-98' rate 4/2/5 mpf, gas 60/590/130 units. MW 9.4, vis 38, WL 9.8 PV 10, YP 4, Sd ¼, Sol 7.-, pH 10.5, Alk 0.4, M_f 1.0, CL 1700, CA 80, Gels 2/6, Cake 2/32 MBT 15.0, Chr 500. Cum Csts: \$149,016.10-19-80 5698'; (258'-22 hrs); Drlg 7-7/8" hole.Drlg; rig service; drlg; WL surv; drlg; rig service & check BOP; drlg. 90% sh, 10% sd; BGG 40 units, CG 155 units; Drlg Brks: -5-4-5532' 5.5/3.0/6.5 mpf, no incr on ga 5562-5576' 8.0/3.0/5.0, gas 50/200/45 units. MW 9.2, vsi 37, WL 10.1, PV 9, YP 4, Sd ¼, Sol 6.0, pH 10.5, Alk 0.5, M_f 1.0, CL 1500, CA 80, Gels 2/4, Cake 2/32, MBT 15.0, Chr 500 (1° @ 5587'). Cum Csts: \$163,779.10-20-80 5928'; (230'-23 hrs); Drlg 7-7/8".Drlg; rig service; drlg; rig service, BOPs; drlg. 80% sh, 20% sd; BGG 27, CG 57 units. MW 9.4, vis 38, WL 10.1, PV 9, YP 4, Sd ¼, Sol 6.0, pH 10.5, Alk 0.5, M_f 1.0, CL 1500, CA 80, Gels 2/4, Cake 2/32, MBT 15.0, Chr 500. Cum Csts: \$171,244.10-21-80 6143'; (215'-22 hrs); Drlg 7-7/8".Drlg; rig service, BOPs; drlg; rig service, BOPs; drlg; WL surv (1° @ 6132'); drlg; BGG 60 units, CG 210 units; 80% sh, 20% ss. MW 9.4, vis 39, WL 9.2, PV 12, YP 6, Sd tr, Sol 7.0, pH 10.5, Alk 0.5, M_f 1.0, CL 1200, CA 80, Gels 2/5, Cake 2/32, MBT 17.5, Chr 500. Cum Csts: \$179,765.10-22-80 6348'; (205'-22½ hrs); Drlg.Drlg; rig service; drlg; rig service; drlg. BGG 22 units, CG 122 units. MW 9.6, vis 38, WL 9.0, PV 13, YP 5, Sd ¼, Sol 7, pH 10.5, Alk 0.5, M_f 1.0, CL 1200, CA 80, Gels 2/7, Cake 2/32, Chr 500. (1° @ 6132'). Cum Csts, \$187,950.10-23-80 6415'; (67'-8 hrs); Drlg.

Drlg; POH; check BOP; GIH; rig rep-drum clutch; finish GIH; drlg. MW 9.2, vis 35, WL 10.2, PV 4, YP 2, Sd Tr, Sol 5, pH 10, CL 1200, CA 80, Gels 0/3, Cake 2/32, Chr 400. Cum Csts: \$195,170.

10-24-80 6572'; (157'-21½ hrs); Drlg 7-7/8" holes.Drlg; rig service, BOPs; drlg; circ brk @ 6511', 6497-6508' 22 units bef, 90 units dur, 8"/ft to 2.4"/ft; drlg; BGG 13 units, CG 38 units; brk 6562-6574' 12 units bef, 150 units dur, 7.5"/ft to 2.5"/ft. MW 9.6, vis 44, WL 9.6, PV 20, YP 10, Sd Tr, Sol 7. pH 10.5, Alk 0.5, M_f 1.2, CL 1200, CA 80, Gels 2/8, Cake 2/32, MBT 17.5, 2% LCM, Chr 500. Cum Csts: \$205,192.10-25-80 6700'; (128'-18 hrs); RU Welex to run OH logs.Drlg; rig service, BOPs; drlg; circ & cond f/logs; TOH f/logs; strap out; BGG 10 units, CG 10 units; 1 brk 6660-6670' 8"/ft to 3.5"/ft, 10 units to 30 units. MW 9.8, vis 44, WL 9.2, PV 24, YP 15, Sd ¼, Sol 8, pH 10.5, Alk 0.4, M_f 1.3, CL 1200, CA 80, Gels 5/9, Cake 2/32, MBT 20, Chr 500. Cum Csts: \$212,911.10-26-80 6700'; LD 6½" DCs.RU logger; log FDC, CNL, DIL, GR, Caliper; TIH w/DCs; slip & cut drlg line; TIH; ream & wash 90' to btm; circ & cond f/csg; TOH LD; prep to run 4½". MW 9.8, vis 44, WL 9.2, PV 24, YP 15, Sd ¼, Sol 8, pH 10.5, Alk 0.4, M_f 1.3, CL 1200, CA 80, Gels 5/9, Cake 2/32, MBT 20, Chr 400. Cum Csts: \$229,472.10-27-80 TD 6700'; RD RT.

Finish LD DC; pull csg wear ring; RU & run 4½" csg, 209 jnts 11.6# N-80 (6718') to 6700'; circ; cmtw/50 bbl CF3 spacer, 30 BM flush, 900 sx 50/50 pozmix w/8% g 10% salt, 6/10% HLX-270, ¼#/sk Flocele & 5#/sk Gilsonits, 960 sx 50/50 poz, 2% gel & 10% salt, 6/10% HLX-270, ¼#/sk Flocele; PD 7:00 PM 10-26-80-float held; ND BOP & set slips 55,000#; cut off csg & clean mud tanks; rig rel 4:00 AM 10-27-80; RD RT. Cum Csts: \$318,655.

10-28-80 TD 6700'; PBTD 6668'; RD & move rotary to CIGE #25.

RD w/Loffland trucks; WO daylight. Cum Csts: \$323,904.

10-29-80 thru 12-1-80 WO CU.

STGW

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____										5. LEASE DESIGNATION AND SERIAL NO. U-0149078	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____										6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR CIG Exploration, Inc.										7. UNIT AGREEMENT NAME Natural Buttes Unit	
3. ADDRESS OF OPERATOR P. O. Box 749, Denver, Colorado 80201										8. FARM OR LEASE NAME Natural Buttes Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1333' FWL & 1337' FSL At top prod. interval reported below Same At total depth Same										9. WELL NO. CIGE 40-3-10-21	
14. PERMIT NO. 43-047-30740 DATE ISSUED 7-1-80										10. FIELD AND POOL, OR WILDCAT Natural Buttes Field	
15. DATE SPURRED 10-2-80 16. DATE T.D. REACHED 10-25-80 17. DATE COMPL. (Ready to prod.) 12-19-80										11. SEC., T. R., M., OR BLOCK AND SURVEY OR AREA Section 3-T10S-R21E	
18. ELEVATIONS (DF, REB, BT, GR, ETC.)* 5073' Ungr. Gr.										12. COUNTY OR PARISH Uintah	
19. ELEV. CASINGHEAD Unknown										13. STATE Utah	
20. TOTAL DEPTH, MD & TVD 6700' 21. PLUG, BACK T.D., MD & TVD 6650' 22. IF MULTIPLE COMPL., HOW MANY* N/A										23. INTERVALS DRILLED BY 0-TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5133'-6621' (Wasatch)										25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN FDC-CNL-DIU-GR, Caliper, GR-CCL-CBL										27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)											
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
9-5/8"		36#		245' KB		12-1 1/4"		125 sacks		-----	
4-1/2"		11.6#		6700'		8-3/4", 7-7/8"		1860 sacks		-----	
29. LINER RECORD											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)			
				N/A							
30. TUBING RECORD											
SIZE		DEPTH SET (MD)		PACKER SET (MD)							
2-3/8"		4915.25'		-----							
31. PERFORATION RECORD (Interval, size and number) Perf w/3-1/8" casing gun w/1 JSPF at: 6621', 6618', 6570', 6568', 6502', 6499', 5728', 5726', 5357', 5354', 5353', 5291', 5288', 5284', 5280', 5134', 5133'. For a total of 17 holes.											
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.											
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED					
6621-6499'						acidize with 28 bbls 7 1/2% WFC-1					
5728-5133'						(Not acidized)					
6621-5133'						Frac w/125,300 gals gel + 252,000 20/40 sand.					
33. PRODUCTION											
DATE FIRST PRODUCTION 12-5-80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing						WELL STATUS (Producing or shut-in) SI-WO connection			
DATE OF TEST 12-18-80		HOURS TESTED 24		CHOKE SIZE 16/64"		PROD'N. FOR TEST PERIOD 0		OIL—BBL. 2200		GAS—MCF. TSTM	
FLOW. TUBING PRESS. 1500 psi		CASING PRESSURE 1700 psi (SI)		CALCULATED 24-HOUR RATE 0		OIL—BBL. 2200		GAS—MCF. TSTM		WATER—BBL. OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented											
35. LIST OF ATTACHMENTS None											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											

SIGNED

Terry L Jackson
I. L. Jackson

TITLE Production Engineer

DATE December 30, 1980

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
No cores of DST's				Green River	1430'	
				Wasatch	4640'	

FILE IN TRIPLICATE
FORM OGC-8-X

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

RECEIVED

JAN 7 1991

DIVISION OF
OIL, GAS & MINING

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number CIGE 40-3-10-21
Operator CIG Exploration, Inc. Address P. O. Box 749, Denver, Co. 80201
Contractor Loffland Bros. Address 410 17th St., Suite 810
Denver, Colo. 80202
Location 1/4 C/SW 1/4 Sec. 3 T. 10S R. 21E County Uintah

Water Sands

<u>Depth</u>	<u>Volume</u>	<u>Quality</u>
From — To	Flow Rate or Head	Fresh or Salty
1. _____		
2. _____	NONE ENCOUNTERED	
3. _____		
4. _____		
5. _____		

(Continue of reverse side if necessary)

Formation Tops

Remarks

Green River
Wasatch

- NOTE: (a) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
- (b) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

February 13, 1981

Coastal Oil & Gas Corporation
P.O. Box 749
Denver, Colorado 80201

RE: Well No. Natural Buttes Unit
Sec. 3, T. 10S, R. 21E.,
Uintah County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office December 30, 1980, from above referred to well indicates the following electric logs were run: FDC-CNL, DIL, GR, CALIPER, GR-CCL-CBL. As of today's date this office has not received the GR, Caliper, GR-CCL-CBL logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attention to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Barbara Hill
BARBARA HILL
WELL RECORDS

/bjh

COLORADO INTERSTATE GAS COMPANY

WELL TEST DATA FORM

STATE COPY

FIELD CODE 560-01-11			FIELD NAME NATURAL BUTTES, UT			OPERATOR CODE 2200			OPERATOR NAME CIG EXPLORATION INC			WELL NAME CIGE 40-3-10-21											
WELL CODE 25378			SECT. TOWNSHIP/BLK 3 10S 21E			PANHANDLE/REDCAVE SEQ. NUMBER K-FACTOR			FORMATION WASATCH SA FLOW TEST			UTAH STATE OFFICE											
WELL ON (OPEN)			DATE (COMP.)			ORIFICE SIZE			METER RUN SIZE			FLOW TEST											
MO.	DAY	YR.	MO.	DAY	YR.	ORIFICE SIZE	METER RUN SIZE	COEFFICIENT	GRAVITY (SEP.)	METER DIFF. RANGE	METER PRESSURE	DIFFERENTIAL ROOTS	METER TEMP.	WELL HEAD TEMP.	FLOWING TUBING PRESSURE	STATIC TUBING PRESSURE	FLOWING STRING TUBING	CASING					
11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47-48					
XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX					
10	19	83	10	28	83	01	375	2	067	00460	0	0.593	100	00492	0	0555	080	009980	010450	X			
WELL-OFF (SHUT-IN)			SHUT-IN TEST			SLOPE			EFFECTIVE DIAMETER			EFFECTIVE LENGTH			GRAVITY (RAW GAS)			EST CSG PRESS			EST TBG PRESS		
MO.	DAY	YR.	MO.	DAY	YR.	DATE	CASING PRESSURE (PSIG)	TUBING PRESSURE (PSIG)	SLOPE	EFFECTIVE DIAMETER	EFFECTIVE LENGTH	GRAVITY (RAW GAS)	EST CSG PRESS	EST TBG PRESS	TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.								
11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47-48	49-50	51-52	53-54	55-56	
XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	
10	11	83	10	14	83		012580	012680		683	1	9950		4915									
METER STAMP			25378 01375			REMARKS: Extended TEST																	

TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.

CIG:

OPERATOR:

COMMISSION:

FORM CIG 4886-7/73

COLORADO INTERSTATE GAS COMPANY

STATE COPY

WELL TEST DATA FORM

WELL CODE -01-11		FIELD NAME NATURAL BUTTES, UT.				OPERATOR CODE 2270		OPERATOR NAME CIS EXPLORATION INC				WELL NAME CIG 48-3-10-21																																									
WELL CODE 25378		LOCATION SECT. 3 TOWNSHIP/BLK 10S 21E		PANHANDLE/REDCAVE SEQ. NUMBER K-FACTOR		FORMATION SATCH SA		FLOW TEST				1																																									
WELL ON (OPEN)						FLOW TEST																																															
DATE (COMP.)			ORIFICE SIZE			METER RUN SIZE			COEFFICIENT			GRAVITY (SEP.)			METER DIFF. RANGE			METER PRESSURE			DIFFERENTIAL ROOTS			METER TEMP.			WELL HEAD TEMP.			FLOWING TBG/CSG PRESSURE			STATIC TBG/CSG PRESSURE			FLOWING STRING TUBING CASING																	
MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.															
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49															
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X												
08	24	82	08	31	82	01	375	2	067	10	460	0	0	604	1	00655	0	280	078	10930	40855	X																															
WELL-OFF (SHUT-IN)						SHUT-IN TEST						SLOPE			EFFECTIVE DIAMETER			EFFECTIVE LENGTH			GRAVITY (RAW GAS)			EST CSG PRESS			EST TBG PRESS			TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.																							
DATE			CASING PRESSURE (PSIG)			TUBING PRESSURE (PSIG)			SLOPE			EFFECTIVE DIAMETER			EFFECTIVE LENGTH			GRAVITY (RAW GAS)			EST CSG PRESS			EST TBG PRESS																													
MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.	MO.	DAY	YR.
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58						
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X			
08	31	82	09	03	82	00	975	0	00991	0							687	1	950	491	0	604																															
25378												01375												REMARKS:																													

COLORADO INTERSTATE GAS COMPANY

WELL TEST DATA FORM

STATE COPY

[illegible]

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT" - for such proposals

5. Lease Designation and Serial No.

See attached list

6. If Indian, Allottee or Tribe Name

See attached list

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

See attached list

9. API Well No.

See attached list

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil and Gas Corporation

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

See attached list.

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Install telemetry eqpt

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

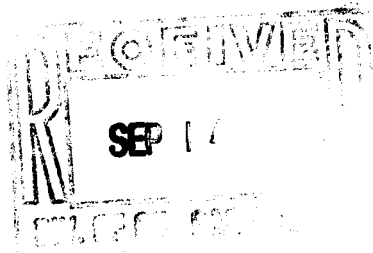
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)*

The operator requests permission to install automatic gauging and gas sales optimization equipment on the listed wells.

The installation will consist of GH Flow's "Automate," a remote gas flow computer which includes electronic gas measurement. Also, a tank level alarm, tubing and casing pressure, and an automatic choke will be installed on some of the listed wells for gas flow sales optimization and labor reduction. Some wells will have temperature alarms installed on the separator and dehydrator to prevent a high-cost major failure. Wells with intermitters will be controlled with the GH Flow Automate RTU instead of the existing mechanical timer.

**Accepted by the
Utah Department of
Oil, Gas, and Mining
FOR RECORD ONLY**



14. I hereby certify that the foregoing is true and correct

Signed Bonnie Johnston Title Environmental Coordinator

Date 09/09/94

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Well	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	API #	Location of Well At Surface	Section, Township, Range
CIGE #40-3	U-0149078	N/A	43-047-30740	'1333' FWL & 1337' FSL NE/SW	Sect.3, T10S-R21E
CIGE #95D-14-10-21-J	U-01393-C	N/A	43-047-31166	'1977' FSL & 2004' FWL NE/SW	Sect.14, T10S-R21E
CIGE #158-21-9-21	UTU-0576	N/A	43-047-32158	1980' FSL & 660' FEL NE/SE	Sect.21, T9S-R21E
CIGE #59-21-10-21	U-02278	N/A	43-047-30548	809' FSL & 1081' FWL	Sect.21, T10S-R21E
CIGE #6-19-9-21	U-0581	N/A	43-047-30356	1122' FSL & 1542' FEL	Sect.19, T9S-R21E
NBU #129	UTU-010950A	Ute Tribal Surface	43-047-31965	2055' FNL & 569' FEL	Sect.22, T9S-R21E
NBU #144	UTU-0149075	N/A	43-047-32044	1151' FNL & 761' FWL	Sect.23, T9S-R21E
NBU #15	ML-10170-01	N/A	43-47-30204	1805' FWL & 601' FSL	Sect.26, T9S-R21E
NBU #189	U-0149075	Ute Tribal Surface	43-047-32236	1551' FWL & 1064' FSL SE/SW	Sect.23, T9S-R21W
NBU #26	U-01194-A-ST	N/A	43-047-30252	1320' FSL & 1320' FEL	Sect.27, T9S-R21E
NBU #6	U-0149076	N/A	43-047-30083	1434' FEL & 1356' FSL	Sect.24, T9S-R21E

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT" - for such proposals

5. Lease Designation and Serial No.

See attached list

6. If Indian, Allottee or Tribe Name

See attached list

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

See attached list

9. API Well No.

See attached list

10. Field and Pool, Or Exploratory Area

Natural Buttes

11. County or Parish, State

Uintah County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Coastal Oil and Gas Corporation

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

See attached list.

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Install telemetry eqpt

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

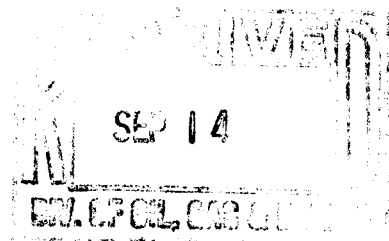
(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)*

The operator requests permission to install automatic gauging and gas sales optimization equipment on the listed wells.

The installation will consist of GH Flow's "Automate," a remote gas flow computer which includes electronic gas measurement. Also, a tank level alarm, tubing and casing pressure, and an automatic choke will be installed on some of the listed wells for gas flow sales optimization and labor reduction. Some wells will have temperature alarms installed on the separator and dehydrator to prevent a high-cost major failure. Wells with intermitters will be controlled with the GH Flow Automate RTU instead of the existing mechanical timer.

**Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY**



14. I hereby certify that the foregoing is true and correct

Signed

Bonnie Johnston
Bonnie Johnston

Title

Environmental Coordinator

Date

09/09/94

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

Well	Lease Designation & Serial Number	If Indian, Allottee or Tribe Name	API #	Location of Well At Surface	Section, Township, Range
CIGE #40-3	U-0149078	N/A	43-047-30740	'1333' FWL & 1337' FSL NE/SW	Sect.3, T10S-R21E
CIGE #95D-14-10-21-J	U-01393-C	N/A	43-047-31166	'1977' FSL & 2004' FWL NE/SW	Sect.14, T10S-R21E
CIGE #158-21-9-21	UTU-0576	N/A	43-047-32158	1980' FSL & 660' FEL NE/SE	Sect.21, T9S-R21E
CIGE #59-21-10-21	U-02278	N/A	43-047-30548	809' FSL & 1081' FWL	Sect.21, T10S-R21E
CIGE #6-19-9-21	U-0581	N/A	43-047-30356	1122' FSL & 1542' FEL	Sect.19, T9S-R21E
NBU #129	UTU-010950A	Ute Tribal Surface	43-047-31965	2055' FNL & 569' FEL	Sect.22, T9S-R21E
NBU #144	UTU-0149075	N/A	43-047-32044	1151' FNL & 761' FWL	Sect.23, T9S-R21E
NBU #15	ML-10170-01	N/A	43-47-30204	1805' FWL & 601' FSL	Sect.26, T9S-R21E
NBU #189	U-0149075	Ute Tribal Surface	43-047-32236	1551' FWL & 1064' FSL SE/SW	Sect.23, T9S-R21W
NBU #26	U-01194-A-ST	N/A	43-047-30252	1320' FSL & 1320' FEL	Sect.27, T9S-R21E
NBU #6	U-0149076	N/A	43-047-30083	1434' FEL & 1356' FSL	Sect.24, T9S-R21E

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135

Expires: March 31, 1993

5. Lease Designation and Serial No.

U-0149078

6. If Indian, Alottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

CIGE-40-3-10-21

9. API Well No.

43-047-30740

10. Field and Pool, Or Exploratory Area

Natural Buttes Field

11. County or Parish, State

Uintah County, Utah

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT" - for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐

Oil Well

☒

Gas Well

☐

Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1337' FSL & 1333' FWL

Section 3-T10S-R21E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒

Notice of Intent

☐

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

☐

Recompletion

☐

Plugging Back

☐

Casing Repair

☐

Altering Casing

☒

Other lower tubing and install PLE

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

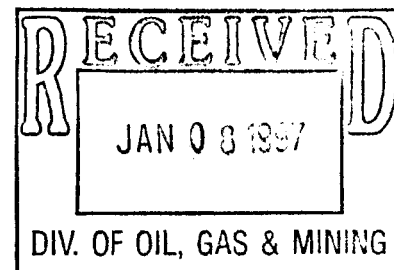
☐

Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)

Lower tubing and install PLE.



14. I hereby certify that the foregoing is true and correct

Signed

Sheila Bremer

Title

Environmental & Safety Analyst

Date

01/02/97

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

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*See Instruction on Reverse Side

CIGE 40-3-10-21
NATURAL BUTTES FIELD
SECTION 3 T10S R21E
WORKOVER PROCEDURES

WELL DATA

LOCATION: 1337' FSL 1333' FWL SEC. 3 T10S R21E
ELEVATION: 5073' GR., 5087' KB.
TD: 6700', PBTD 6650' (12/80), 5844' WLS (10/96)
CSG: 9 5/8", 36.0#, K-55 @ 232' w/ 150 SX.
4 1/2", 11.6#, N-80 @ 6700' w/ 1860 SX.
TBG: 2 3/8", 4.7#, J-55 @ 4915'
FORMATION(S): WASATCH 5133' - 6621', 17 HOLES (1980)

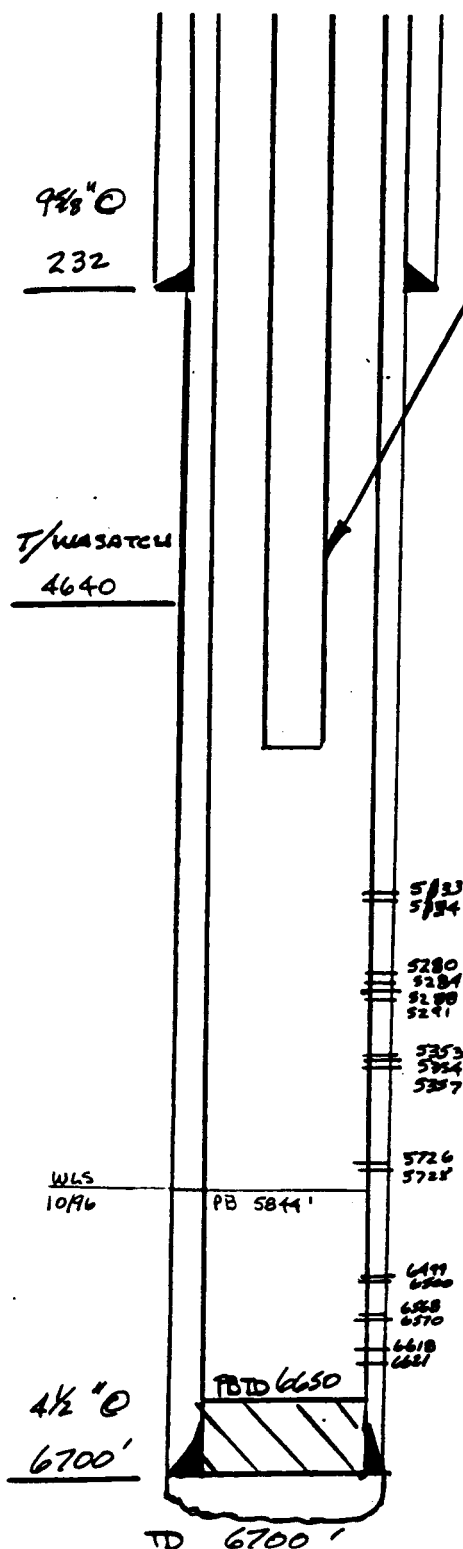
PROCEDURE

1. MI & RU pulling unit. Blow down & kill well w/ 3% KCL water. ND WH. NU BOP.
2. PU & TIH w/ 2-3/8" tbg and verf. PBTD (5814' on WLS of 10/15/96). PU to 5100'.
3. MI & RU Air/Foam Unit. Circ. hole w/ KCL water foamed w/ air. CO to 6650' (Orig. PBTD) using air/foam. Circ hole clean w/ air foam. PU to 5800'. Flow well overnight.
4. Blow down & run in hole w/ tbg. Tag PBTD to check for fill. PU and land tbg @ 6621' (BP @ 6621'). ND BOP. NU WH. RD pulling unit and Air/Foam unit.
5. Install PLE. Swab/flow well to clean up. Return the well to sales.

CIGE 40-3-10-21
NATURAL BUTTES FIELD
SECTION 3 T10S R21E

WELL DATA

LOCATION: 1337' FSL 1333' FWL SEC. 3 T10S R21E
ELEVATION: 5073' GR., 5087' KB.
TD: 6700', PBTD 6650' (12/80), 5844' WLS (10/96)
CSG: 9 5/8", 36.0#, K-55 @ 232' w/ 150 SX.
4 1/2", 11.6#, N-80 @ 6700' w/ 1860 SX.
TBG: 2 3/8", 4.7#, J-55 @ 4915'
FORMATION(S): WASATCH 5133' - 6621', 17 HOLES (1980)



2 3/8", 4.7" @ 4915' w/ NOTCHED collar on Bottom.

(12/80) Wasatch (5133' - 6621') 17 holes T sands
Pace 1 SSF w/ 3 1/2" cs 3 sands 6 holes
6499 6568 6618
6500 6570 6621
BD 1176 g 7 1/2% HCl Flowed 90 MCF + WTR TSTM
Pace 1 JSF w/ 3 1/2" cs 4 sands 11 holes
5133' 5280 5353 5786
5134 5284 5354 5728
5288 5357
5291
No BD Flowed 1650 MCF
Frac'd 5133' - 6621' w/ 252,000^{lb} sand + 125,300 g. gel
IPF (12/18/80) 2200 MCF + WTR TSTM 16/64" cK FFP 1500^{lb} CP 1700^{lb}

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

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Use "APPLICATION FOR PERMIT" - for such proposals

5. Lease Designation and Serial No.

U-0149078

6. If Indian, Alottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

Natural Buttes Unit

8. Well Name and No.

CIGE-40-3-10-21

9. API Well No.

43-047-30740

10. Field and Pool, Or Exploratory Area

Natural Buttes Field

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Uintah County, Utah

SUBMIT IN TRIPLICATE

1. Type of Well

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Gas Well

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Other

2. Name of Operator

Coastal Oil & Gas Corporation

3. Address and Telephone No.

P. O. Box 749, Denver, CO 80201-0749

(303) 573-4476

4. Location of Well (Footage, Sec., T., R., M., Or Survey Description)

1337' FSL & 1333' FWL

Section 3-T10S-R21E

12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐

Notice of Intent

☒

Subsequent Report

☐

Final Abandonment Notice

TYPE OF ACTION

☐

Abandonment

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☐

Altering Casing

☒

Other lower tubing and install PLE

☐

Change of Plans

☐

New Construction

☐

Non-Routine Fracturing

☐

Water Shut-Off

☐

Conversion to Injection

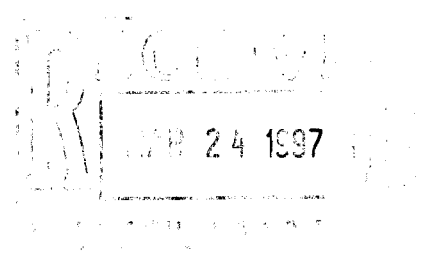
☐

Dispose Water

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markets and zones pertinent to this work.)

Please see the attached chronological history for operations performed on the subject well.



14. I hereby certify that the foregoing is true and correct

Signed

Bonnie Carson

Title Environmental & Safety Analyst

Date

03/21/97

(This space for Federal or State office use)

APPROVED BY

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

WO tax credit 12/97

COASTAL OIL & GAS CORPORATION
CHRONOLOGICAL HISTORY

CIGE #40
Natural Buttes Unit
Uintah County, Utah
TD: 6700' CSG: 4½" @ 6700'

Page 1

Clean Out, Lower Tubing and Install PLE

02/23/97	POH tbg. MIRU Colorado Well Service Rig #26. Kill well, RD tree, RU BOPE, bolts hard to get loose. POH 60 stds. Load 80 bbls. SDFN DC: \$3,210	TC: \$3,210
02/24/97	RIH drag bit & stroke bailer. TP & CP 300 psi, bleed off. POH tbg. PU-RIH hydrostatic bailer SLM, in hole, tag @ 5836' bail out to 5987'. POH-clean bailer. RIH bailer, tag @ 5982'. CO to 6052', bailer quit. POH clean bailer, hard material in btm of bailer. Will run drag bit & stroke bailer in AM. Total load 265 bbls. SDFN DC: \$2,926	TC: \$6,036
02/25/97	POOH w/bailer. PU & RIH w/3⅞" drag bit & stroke bailer. Tag fill @ 6044'. Bailed & drld bridges to 6469'. Bailer quit. POOH & LD bit & stroke bailer. PU & RIH w/hydrastatic bailer. Tag fill @ 6415', bailed to 6589'. Bailer quit, POOH above perms. SDFN DC: \$8,660	TC: \$12,696
02/26/97	POOH w/bailer. SICP 500 psi. Finish POOH & empty bailer - hard scale in btm of bailer. LD hydrastatic bailer. PU & RIH w/3⅞" drag bit & stroke bailer. Drld scale 6409'-6575', drld & bailed from 6575' to 6593'. Bailer quit. POOH & LD stroke bailer. PU & RIH w/hydrastatic bailer. Tag fill @ 6562'. Bailed to 6620'. Could not go deeper (hard). PU above perms. SDFN DC: \$4,320	TC: \$17,016
02/27/97	RIH & spot acid. POOH 3 stds of sd above bailer. Cavity full of gas & wtr. PU 3⅞" drag bit. Stroke bailer. RIH, tag @ 6577', work bailer @ 6584' - 3 hr, no go. POOH. LD bailer, no sd. RIH w/prod string to top of perf. 60 today, 470 load to date. SDFN DC: \$3,750	TC: \$20,766
02/28/97	Prep to Swab. CP & TP 460 psi. RIH to 6603'. Pump 2.5 bbls ahead, 30 bbls acid, 25 bbls to displ tbg. Left acid across perf 3 hrs. Rate 3.6 avg @ 300 psi. Start rate 5.3 @ 40 psi, max 500 psi. Went on vac @ end of job. PU & land tbg @ 6530' w/SN @ 6498'. ND BOP, NU tree. RDMO Colorado Well Service Rig #26. Instl plunger. MI Delsco, FL 3700'. Made 10 swab runs, swab back 65 bbls, FFL 3900', FCP 100 psi. Load 485 bbls. DC: \$12,643 Note: \$5,900 over AFE	TC: \$33,409
03/01/97	Swabbing well. Load 485 bbls, ITP 300 psi, ICP 500 psi, IFL 3200'. Made 8 runs, 45 bbls swabbed, FFL 5400', FTP 0 psi, FCP 350 psi. DC: \$7,761	TC: \$35,873

03/02/97 **Prep to swab.** ITP 300 psi, ICP 450 psi, IF 5100', 440 load. Made 6 runs - total bbls 26, FFL 6200', FTP 50 psi, FCP 300 psi. SI to build press.
DC: \$7,674 TC: \$37,167

03/03/97 **SI to build press - prepare to swab.** ICP 425 psi, ITP 200 psi. Made 5 runs. Total 12 bbls, 428 bbls load. FFL 5800', FTP 25 psi, FCP 290 psi. SI to build press.
DC: \$833 TC: \$29,016

03/04/97 **Well SI for build-up.** ITP 200 psi, ICP 400 psi, IFL 5300'. No of runs - 3, total 8 bbls, total load 420. FTP 130 psi, FCP 300 psi, FFL 5900'. Put well on sales line, died within 2 hrs. SI for build-up.
DC: \$1,045 TC: \$29,061

03/05/97 Flowing 3 MCF, 2 BW, 10 TP, 211 CP, on 30/64" chk. Swabbing, soaped down-SI.

03/06/97 Flowing 0 MCF, 0 BW, 400 TP, 400 CP, on 30/64" chk. SI turned on at 11 AM.

03/07/97 Flowing 1 MCF, 1 BW, 50 TP, 360 CP, on 30/64" chk. Swab turned on, Logged off.

03/08/97 Flowing 10 MCF, 20 BW, 180 TP, 250 CP, on 15/64" chk. Swabbed again. PL 1 hr.

03/09/97 Flowing 10 MCF, 20 BW, 260 TP, 260 CP, on 15/64" chk.

03/10/97 Flowing 51 MCF, 20 BW, 150 TP, 200 CP, on 15/64" chk. PL 6 hrs.

03/11/97 Flowing 81 MCF, 20 BW, 140 TP, 290 CP, on 15/64" chk.

03/12/97 200 TP, 380 CP, on 15/64" chk. No arrivals - SI

03/13/97 Plunger did not cycle. Dn 24 hrs. TP 200 psi, CP 380 psi.

03/14/97 SICP 380 psi, SITP 280 psi. Dn 24 hrs - sfc equip malfunction.

03/15/97 Flowing 12 MCF, 20 BW, 190 TP, 210 CP, on 24/64" chk. PL 5 hrs.

03/16/97 Flowing 148 MCF, 25 BW, 190 TP, 210 CP, on 24/64" chk. PL 5 hrs.

03/17/97 Flowing 140 MCF, 20 BW, 240 TP, 240 CP, on 24/64" chk. PL 5 hrs.

03/18/97 Flowing 143 MCF, 20 BW, 190 TP, 200 CP, on 24/64" chk. PL 5¼ hrs.

03/19/97 Flowing 143 MCF, 15 BW, 200 TP, 240 CP, on 24/64" chk. PL 5¾ hrs. **Final Report**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 8 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE [Signature]

DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT) John T. Elzner

TITLE Vice President

SIGNATURE [Signature]

DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

State of Delaware
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

MAR 1 2001

DIVISION OF
OIL GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:


"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION



David L. Siddall
Vice President

Attest:


Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

RECEIVED

JUL 12 2001

**DIVISION OF
OIL, GAS AND MINING**

In Reply Refer To:

3106

UTSL-065841

(UT-924)

JUL 10 2001

NOTICE

El Paso Production Oil & Gas Company	:	Oil and Gas
Nine Greenway Plaza	:	
Houston TX 77046-0095	:	

Name Change Recognized

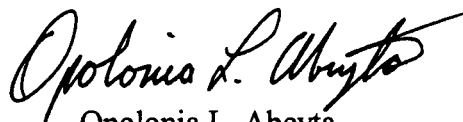
Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta
Acting Chief, Branch of
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
~~State of Utah, DOGM,~~ Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

OPERATOR CHANGE WORKSHEET**ROUTING**

1. GLH		4-KAS
2. CDW ✓		5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X **Merger**The operator of the well(s) listed below has changed, effective: **3-09-2001**

FROM: (Old Operator):
COASTAL OIL & GAS CORPORATION
Address: 9 GREENWAY PLAZA STE 2721
HOUSTON, TX 77046-0995
Phone: 1-(713)-418-4635
Account N0230

TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY
Address: 9 GREENWAY PLAZA STE 2721 RM 2975B
HOUSTON, TX 77046-0995
Phone: 1-(832)-676-4721
Account N1845

CA No.**Unit: NATURAL BUTTES****WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
NBU CIGE 34-13-10-20	43-047-30508	2900	13-10S-20E	FEDERAL	GW	P
CIGE 103D-13-10-20	43-047-31742	2900	13-10S-20E	FEDERAL	GW	P
CIGE 154-13-10-20	43-047-32119	2900	13-10S-20E	FEDERAL	GW	P
NBU 328-13E	43-047-32386	2900	13-10S-20E	FEDERAL	GW	P
NBU 360-13E	43-047-32387	2900	13-10S-20E	FEDERAL	GW	P
CIGE 187-13-10-20	43-047-32607	2900	13-10S-20E	FEDERAL	GW	P
CIGE 230-13-10-20	43-047-32885	2900	13-10S-20E	FEDERAL	GW	P
NBU 393-13E	43-047-33071	2900	13-10S-20E	FEDERAL	GW	P
NBU 394-13E	43-047-33072	2900	13-10S-20E	FEDERAL	GW	P
NBU 212	43-047-32399	2900	24-10S-20E	FEDERAL	GW	P
NBU 296 GR	43-047-32886	2900	24-10S-20E	FEDERAL	GW	S
NBU 271	43-047-32887	2900	24-10S-20E	FEDERAL	GW	P
NBU 71-26B	43-047-30578	2900	26-10S-20E	FEDERAL	GW	P
NBU 43	43-047-30848	2900	26-10S-20E	FEDERAL	GW	P
NBU 211 (CA NW-127)	43-047-32339	2900	01-10S-21E	FEDERAL	GW	P
NBU 264	43-047-33000	2900	01-10S-21E	FEDERAL	GW	P
NBU 329 (CA NW-127)	43-047-33227	2900	01-10S-21E	FEDERAL	GW	P
NBU CIGE 40-3-10-21	43-047-30740	2900	03-10S-21E	FEDERAL	GW	P
NBU CIGE 93D-3-10-21J	43-047-31163	2900	03-10S-21E	FEDERAL	GW	P
COG NBU 101	43-047-31755	2900	03-10S-21E	FEDERAL	GW	P

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: 07/10/2001
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 08/02/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/02/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEDERAL BOND VERIFICATION:

1. Federal well(s) covered by Bond No.: WY 2793

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____

FILMING:

1. All attachments to this form have been **MICROFILMED** on: _____

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

JAN. 17. 2003 3:34PM

PORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior
Bureau of Land Management
2850 Youngfield Street
Lakewood, CO 80215-7093
Attention: Ms. Martha Maxwell

**RE: BLM Bond CO-1203
BLM Nationwide Bond 158626364
Surety - Continental Casualty Company
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.
Assumption Rider - Westport Oil and Gas Company, L.P.**

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,
Westport Oil and Gas Company, L.P.

Debby J. Black
Engineer Technician

Encl:



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al
(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas
410 Seventeenth Street, #2300 :
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

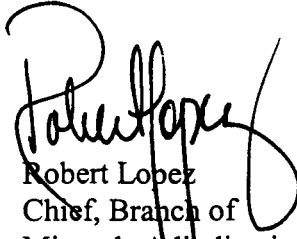
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405
UTU-20895
UTU-25566
UTU-43156
UTU-49518
UTU-49519
UTU-49522
UTU-49523



Robert Lopez
Chief, Branch of
Minerals Adjudication

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

UNITED STATES GOVERNMENT

memorandum

Branch of Real Estate Services
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

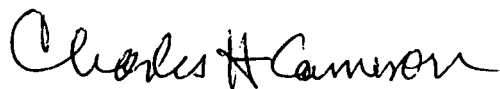
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES
Ute Energy & Mineral Resources Department: Executive Director
chronos





IN REPLY REFER TO:
Real Estate Services

United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Washington, D.C. 20240

FEB 10 2003

Carroll A. Wilson
Principal Landman
Westport Oil and Gas Company, L.P.
1368 South 1200 East
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

A handwritten signature in black ink, reading "Perry E. Brown", is positioned below the word "Sincerely,".

Director, Office of Trust Responsibilities

ACTING

Enclosure



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.
Attn: Gary D. Williamson
1670 Broadway, Suite 2800
Denver, Colorado 80202

Re: Natural Buttes Unit
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
Minerals Adjudication Group
File - Natural Buttes Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron

UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:

9 Greenway Plaza

CITY Houston

STATE TX

ZIP 77064-0995

PHONE NUMBER:

(832) 676-5933

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE	
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # _____

State Surety Bond No. RLB0005236
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By:

Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.

NAME (PLEASE PRINT)

David R. Dix

TITLE Agent and Attorney-in-Fact

SIGNATURE

DATE

12/17/02

(This space for State use only)

Form 3160-5
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

SEE ATTACHED EXHIBIT "A"

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	SUCCESSOR OF
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleting horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleting in a new interval, a Form 3160-4 shall be filed when testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lands which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH	<input checked="" type="checkbox"/>
2. CDW	<input type="checkbox"/>
3. FILE	<input type="checkbox"/>

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02**

FROM: (Old Operator):	TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

CA No.

Unit:

NATURAL BUTTES

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU CIGE 18-2-10-21	02-10S-21E	43-047-30471	2900	STATE	GW	P
NBU CIGE 80D-2-10-21	02-10S-21E	43-047-30853	2900	STATE	GW	P
CIGE 285	02-10S-21E	43-047-34793	99999	STATE	GW	APD
NBU CIGE 40-3-10-21	03-10S-21E	43-047-30740	2900	FEDERAL	GW	P
NBU CIGE 93D-3-10-21J	03-10S-21E	43-047-31163	2900	FEDERAL	GW	P
NBU CIGE 135-3-10-21	03-10S-21E	43-047-32001	2900	FEDERAL	GW	S
COG NBU 101	03-10S-21E	43-047-31755	2900	FEDERAL	GW	P
CIGE 166-3-10-21	03-10S-21E	43-047-32172	2900	FEDERAL	GW	P
CIGE 225-3-10-21	03-10S-21E	43-047-33417	99999	FEDERAL	GW	APD
CIGE 226-3-10-21	03-10S-21E	43-047-32995	2900	FEDERAL	GW	S
NBU 330	03-10S-21E	43-047-33228	2900	FEDERAL	GW	P
NBU 331	03-10S-21E	43-047-33229	2900	FEDERAL	GW	PA
NBU 365	03-10S-21E	43-047-33777	2900	FEDERAL	GW	P
NBU 25	03-10S-21E	43-047-30237	2900	FEDERAL	GW	PA
CIGE 206-4-10-21	04-10S-21E	43-047-32996	2900	FEDERAL	GW	P
NBU 326-4E	04-10S-21E	43-047-33697	2900	FEDERAL	GW	P
CIGE 108D-4-10-21	04-10S-21E	43-047-31756	2900	FEDERAL	GW	P
CIGE 136-4-10-21	04-10S-21E	43-047-31979	2900	STATE	GW	S
NBU 207-4J	04-10S-21E	43-047-31177	2900	FEDERAL	GW	P
NBU 28-4B	04-10S-21E	43-047-30367	2900	FEDERAL	GW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
5. If **NO**, the operator was contacted contacted on: _____

6. (R649-9-2) Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 03/19/2003
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/19/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: RLB 0005236

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 158626364

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: RLB 0005239

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator
WESTPORT OIL & GAS COMPANY, L.P.

3a. Address
P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)
(435) 781-

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Multiple Wells - see attached

5. Lease Serial No.
Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
891008900A

8. Well Name and No.
Multiple Wells - see attached

9. API Well No.
Multiple Wells - see attached

10. Field and Pool, or Exploratory Area
Natural Buttes Unit

11. County or Parish, State
Uintah County, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped. The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached.

Westport Oil & gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

J.T. Conley

Signature

J.T. Conley

COPY SENT TO OPERATOR

Date:

Initials:

Title

Date

Initials

Date

Operations Manager

9-2-2003

SEP 10 2003

DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Accepted by the
Utah Division of
Oil, Gas and Mining

Federal Approval of This
Action is Necessary

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date: 9/16/03

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

CIGE 011GR	14-9-20 SWSL	UTU001171	891008900A	430473042000S1
CIGE 013	7-10-21 NESE	UTU02270A	891008900A	430473048400S1
CIGE 014	9-10-21 NESW	UTU01196B	891008900A	430473047100S1 ✓
CIGE 018	2-10-21 NWNW	ML22652	891008900A	430473045900S1
CIGE 019	16-9-21 SWSW	ML3141A	891008900A	430473048500S1
CIGE 020	20-10-21 SESW	UTU02278	891008900A	430473049700S1
CIGE 022	15-9-20 SENW	UTU0144868	891008900A	430473033300S1 ✓
CIGE 023	7-10-22 SESE	ML23609	891008900A	430473049300S1
CIGE 024	29-9-22 SESW	U01207	891008900A	430473073700S1
CIGE 025	34-9-22 SENW	UTU0149077	891008900A	430473073800S1
CIGE 027	33-9-22 NENW	UTU01191A	891008900A	430473073900S1 ✓
CIGE 028	35-9-21 NESE	ML22582	891008900A	430473049800S1
CIGE 030	6-10-21 NENW	UTU01791	891008900A	430473051100S1
CIGE 031	1-10-22 SWNW	U011336	891008900A	430473050800S1
CIGE 032A	20-9-20 NESW	UTU01567A	891008900A	430473049400S1
CIGE 034	13-10-20 SWNE	UTU02270A	891008900A	430473050800S1
CIGE 035	1-10-20 NESW	UTU02270A	891008900A	430473049400S1
CIGE 036D	32-9-22 NWNW	ML22649	891008900A	430473083300S1 ✓
CIGE 037D	21-9-21 SWSE	UTU00576	891008900A	430473091000S1
CIGE 038D	4-10-21 SWSE	U01416	891008900A	430473074000S1
CIGE 040	3-10-21 NESW	UTU0149078	891008900A	430473049200S1 ✓
CIGE 042	25-9-21 SWSE	U04139	891008900A	430473049100S1 ✓
CIGE 043	14-10-22 SENW	U01197A	891008900A	430473052700S1
CIGE 044	9-9-21 SESE	UTU01188	891008900A	430473052800S1
CIGE 045	15-9-21 NESE	UTU01193	891008900A	430473052900S1
CIGE 046	21-9-21 NENE	UTU00576	891008900A	430473051000S1
CIGE 047	14-10-21 NWSE	UTU01393C	891008900A	430473050600S1
CIGE 048	15-10-21 SWNE	UTU01416A	891008900A	430473088900S1 ✓
CIGE 051D	31-9-22 NENE	U01191	891008900A	430473053100S1
CIGE 052	5-10-22 SENW	UTU01195	891008900A	430473053300S1
CIGE 053	6-10-22 NESW	UTU01195	891008900A	430473085100S1 ✓
CIGE 054D	35-9-21 NENE	ML22582	891008900A	430473051200S1 ✓
CIGE 055	1-10-21 SENW	ML23612	891008900A	430473053000S1 ✓
CIGE 056	34-9-21 SWSE	U01194A	891008900A	430473054300S1
CIGE 057	10-10-21 NENE	UTU0149079	891008900A	430473053200S1
CIGE 058	16-10-21 SESE	ML10755	891008900A	430473054900S1
CIGE 060	14-9-21 SENW	UTU01193	891008900A	430473055000S1
CIGE 061	13-9-21 SENW	U01193	891008900A	430473088500S1 ✓
CIGE 062D	36-9-22 NWSW	ML22650	891008900A	430473094900S1
CIGE 063D	29-9-22 NWNW	UTU462	891008900A	430473095000S1
CIGE 064D	33-9-22 SWSW	UTU01191A	891008900A	430473054200S1
CIGE 066	23-10-21 SENW	UTU02278A	891008900A	430473093800S1
CIGE 067A	2-10-22 NENE	ML22651	891008900A	430473095100S1
CIGE 068D	35-9-22 NWSW	UTU010954A	891008900A	430473063500S1
CIGE 069	19-10-21 SENW	ML22792	891008900A	430473063600S1
CIGE 070	20-9-21 NESE	UTU00575	891008900A	430473063700S1
CIGE 071	7-9-21 NESE	UTU0575B	891008900A	430473063400S1
CIGE 072	18-9-21 SWNE	UTU00575	891008900A	430473095200S1
CIGE 073D	5-10-22 SWSW	UTU01191A	891008900A	430473095300S1
CIGE 074D	6-10-22 NWSE	UTU01195	891008900A	430473095400S1
CIGE 075D	8-10-21 SENE	UTU01791	891008900A	430473095500S1
CIGE 076D	9-10-21 NENE	UTU01416	891008900A	430473095600S1
CIGE 077D	10-10-21 SESE	UTU0149079	891008900A	430473087000S1
CIGE 078C	16-9-21 NENW	UTU38409	891008900A	430473089600S1 ✓
CIGE 079D	1-10-21 NENE	ML23612	891008900A	430473085300S1 ✓
CIGE 080D	2-10-21 NWNW	ML22652	891008900A	430473085400S1
CIGE 081D	4-10-21 NENE	ML22940	891008900A	430473088600S1
CIGE 086D	16-9-21 SWSE	ML3282	891008900A	430473086900S1 ✓
CIGE 087D	34-9-21 NENE	U01194A	891008900A	430473095800S1
CIGE 088D	15-10-21 NWNW	UTU01791A	891008900A	430473114600S1
CIGE 089D	34-9-22 SENE	UTU0149077	891008900A	430473114900S1
CIGE 090D	9-9-21 NWNE	UTU01188A	891008900A	430473115100S1
CIGE 091D	15-9-21 NWNE	UTU01188	891008900A	

Westport Oil & Gas, L.P.

Project Economics Worksheet

Instructions:

Fill in blue boxed areas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage Economics

Is this job a well pull or production rig job ??? ☒ N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
Totals	\$0	\$350	\$350

Increased OPX Per Year

Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/840	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

Production & OPX Detail:

	Before		After		Difference
Oil Production	0.192	BOPD	0.194	BOPD	0.002
Gas Production	0	MCFPD	0	MCFPD	0
Wtr Production	0	BWPD	0	BWPD	0
Horse Power		HP		HP	0
Fuel Gas Burned		MCFPD		MCFPD	0

Project Life:

Life = 20.0 Years
(Life no longer than 20 years)

Internal Rate of Return:

After Tax IROR = #DIV/0!

AT Cum Cashflow:

Operating Cashflow = (\$2,917) (Discounted @ 10%)

Payout Calculation:

Payout = $\frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}}$ = 1

Payout occurs when total AT cashflow equals investment
See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

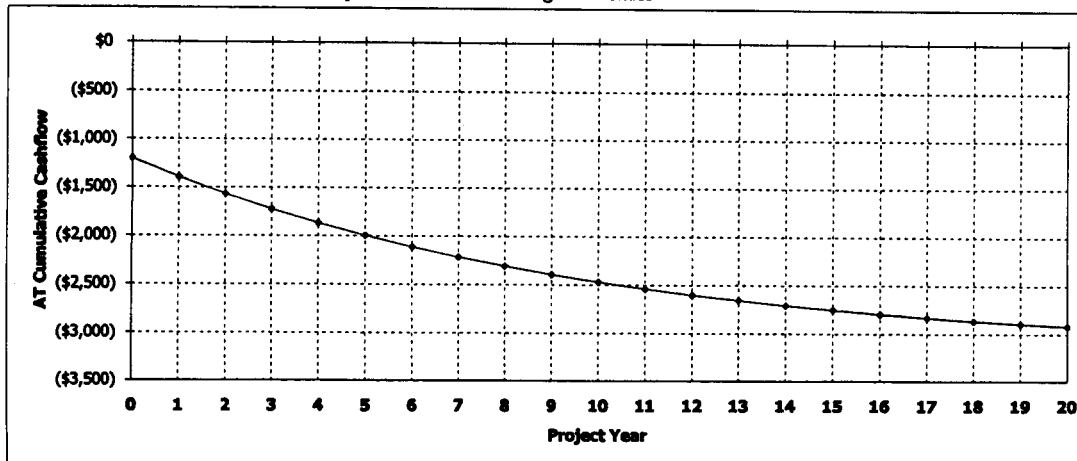
Gross Reserves:

Oil Reserves =	4 BO
Gas Reserves =	0 MCF
Gas Equiv Reserves =	38 MCFE

Notes/Assumptions:

An average NGL well produces 0.192 Bcpd with no tank pressure. The production is increased to 0.194 Bcpd if 4 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance costs.

Project: Condensate Shrinkage Economics



Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl) (A)	Specific Gravity of Flashed Gas (Air=1.000)	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

Calculated at Laboratory Flash Conditions

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

Calculated Flash with Backpressure using Tuned EOS

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/6/2006

FROM: (Old Operator):
 N2115-Westport Oil & Gas Co., LP
 1368 South 1200 East
 Vernal, UT 84078
 Phone: 1-(435) 781-7024

TO: (New Operator):
 N2995-Kerr-McGee Oil & Gas Onshore, LP
 1368 South 1200 East
 Vernal, UT 84078
 Phone: 1-(435) 781-7024

CA No.		Unit:		NATURAL BUTTES UNIT			
WELL NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on: _____
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: _____
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
 The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005239

APPROVED 5116106

Earlene Russell

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Title

DRILLING MANAGER

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomplate in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06

Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED

MAY 10 2006

DIV OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Colorado State Office
2850 Youngfield Street
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)
3106
COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :
1999 Broadway, Suite 3700 : Oil & Gas
Denver, CO 80202 :

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell
Martha L. Maxwell
Land Law Examiner
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-922)

March 27, 2006

Memorandum

To: Vernal Field Office
From: Chief, Branch of Fluid Minerals
Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of
Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare
Dave Mascarenas
Susan Bauman

RECEIVED

MAR 28 2006

ENV. OF OIL, GAS & MIN. (D)